



August 23, 2005

Delta Environmental Consultants, Inc.
3164 Gold Camp Drive, Suite 200
Rancho Cordova, Ca 95670

ATTN: MR. JAN WAGONER

SITE: 76 STATION 5671
3551 CLEVELAND AVENUE
SANTA ROSA, CALIFORNIA

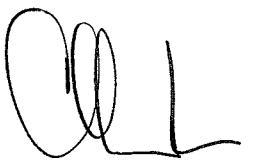
RE: SEMI-ANNUAL MONITORING REPORT
APRIL THROUGH SEPTEMBER 2005

This Semi-Annual Monitoring Report for 76 Station 5671 is being sent to you for your review and comment. If no comments are received by **August 30, 2005**, copies of this report will be sent to you for distribution.

Please send all comments to me at cherrera@trcsolutions.com. If you have any questions regarding this report, please call me at (949) 727-7345.

Sincerely,

TRC



Christina Carrillo
Technical Writer

A handwritten signature in black ink, appearing to read "CC". Below the signature, the name "Christina Carrillo" is printed in a standard black font, followed by the title "Technical Writer" in a smaller font.



Customer-Focused Solutions

August 23, 2005

ConocoPhillips Company
76 Broadway
Sacramento, CA 95818

ATTN: MR. THOMAS KOSEL

SITE: 76 STATION 5671
3551 CLEVELAND AVENUE
SANTA ROSA, CALIFORNIA

RE: SEMI-ANNUAL MONITORING REPORT
APRIL THROUGH SEPTEMBER 2005

Dear Mr. Kosel:

Please find enclosed our Semi-Annual Monitoring Report for 76 Station 5671, located at 3551 Cleveland Avenue, Santa Rosa, California. If you have any questions regarding this report, please call us at (949) 753-0101.

Sincerely,

TRC

A handwritten signature in black ink that reads "Anju Farfan". The signature is fluid and cursive, with "Anju" on top and "Farfan" below it.

Anju Farfan
QMS Operations Manager

CC: Mr. Jan Wagoner, Delta Environmental Consultants, Inc. (2 copies)

Enclosures
20-0400/5671R04.QMS





**SEMI-ANNUAL MONITORING REPORT
APRIL THROUGH SEPTEMBER 2005**

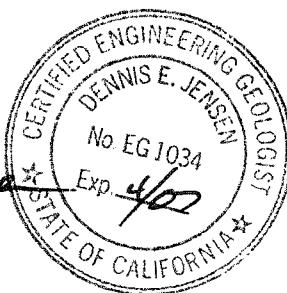
76 Station 5671
3551 Cleveland Avenue
Santa Rosa, California.

Prepared For:

Mr. Thomas Kosek
CONOCOPHILLIPS COMPANY
76 Broadway
Sacramento, California 95818

By:

A handwritten signature in black ink that reads "Dennis E. Jensen". The signature is fluid and cursive, with "Dennis" on top and "E. Jensen" below it.



Senior Project Geologist, Irvine Operations
August 22, 2005

LIST OF ATTACHMENTS	
Summary Sheet	Summary of Gauging and Sampling Activities
Tables	Table Key Table 1: Current Fluid Levels and Selected Analytical Results Table 2: Historic Fluid Levels and Selected Analytical Results Table 3: Additional Analytical Results Table 3b: Additional Analytical Results
Figures	Figure 1: Vicinity Map Figure 2: Groundwater Elevation Contour Map Figure 3: Dissolved-Phase TPPH Concentration Map Figure 4: Dissolved-Phase Benzene Concentration Map Figure 5: Dissolved-Phase MTBE Concentration Map
Graphs	Groundwater Elevations vs. Time Benzene Concentrations vs. Time
Field Activities	General Field Procedures Groundwater Sampling Field Notes
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
Statements	Purge Water Disposal Limitations

Summary of Gauging and Sampling Activities
April 2005 through September 2005
76 Station 5671
3551 Cleveland Avenue
Santa Rosa, CA

Project Coordinator: **Thomas Kosei**
Telephone: **916-558-7666** Water Sampling Contractor: **TRC**
Compiled by: **Christina Carrillo**

Date(s) of Gauging/Sampling Event: **07/18/05**

Sample Points

Groundwater wells: **5** onsite, **5** offsite Wells gauged: **10** Wells sampled: **10**
Purging method: **Diaphragm pump**
Purge water disposal: **Onyx/Rodeo Unit 100**
Other Sample Points: **0** Type: **n/a**

Liquid Phase Hydrocarbons (LPH)

Wells with LPH: **0** Maximum thickness (feet): **n/a**
LPH removal frequency: **n/a** Method: **n/a**
Treatment or disposal of water/LPH: **n/a**

Hydrogeologic Parameters

Depth to groundwater (below TOC): Minimum: **3.21 feet** Maximum: **5.75 feet**
Average groundwater elevation (relative to available local datum): **127.98 feet**
Average change in groundwater elevation since previous event: **-0.49 feet**
Interpreted groundwater gradient and flow direction:

Current event: **0.01 ft/ft, northwest**
Previous event: **0.01 ft/ft, northwest (03/10/05)**

Selected Laboratory Results

Wells with detected **Benzene**: **0** Wells above MCL (1.0 µg/l): **n/a**
Maximum reported benzene concentration: **n/a**

Wells with **TPPH 8260B** **0**
Wells with **MTBE** **8** Maximum: **760 µg/l (MW-10)**

Notes:

TABLES

TABLE KEY

STANDARD ABBREVIATIONS

--	=	not analyzed, measured, or collected
LPH	=	liquid-phase hydrocarbons
Trace	=	less than 0.01 foot of LPH in well
$\mu\text{g/l}$	=	micrograms per liter (approx. equivalent to parts per billion, ppb)
mg/l	=	milligrams per liter (approx. equivalent to parts per million, ppm)
ND <	=	not detected at or above laboratory detection limit
TOC	=	top of casing (surveyed reference elevation)

ANALYTES

BTEX	=	benzene, toluene, ethylbenzene, and (total) xylenes
DIPE	=	di-isopropyl ether
ETBE	=	ethyl tertiary butyl ether
MTBE	=	methyl tertiary butyl ether
PCB	=	polychlorinated biphenyls
PCE	=	tetrachloroethene
TBA	=	tertiary butyl alcohol
TCA	=	trichloroethane
TCE	=	trichloroethene
TPH-G	=	total petroleum hydrocarbons with gasoline distinction
TPH-D	=	total petroleum hydrocarbons with diesel distinction
TPPH	=	total purgeable petroleum hydrocarbons
TRPH	=	total recoverable petroleum hydrocarbons
TAME	=	tertiary amyl methyl ether
1,1-DCA	=	1,1-dichloroethane
1,2-DCA	=	1,2-dichloroethane (same as EDC, ethylene dichloride)
1,1-DCE	=	1,1-dichloroethene
1,2-DCE	=	1,2-dichloroethene (cis- and trans-)

NOTES

1. Elevations are in feet above mean sea level. Depths are in feet below surveyed top-of-casing.
2. Groundwater elevations for wells with LPH are calculated as: Surface Elevation – Measured Depth to Water + (D_p x LPH Thickness), where D_p is the density of the LPH, if known. A value of 0.75 is used for gasoline and when the density is not known. A value of 0.83 is used for diesel.
3. Wells with LPH are generally not sampled for laboratory analysis (see General Field Procedures).
4. Comments shown on tables are general. Additional explanations may be included in field notes and laboratory reports, both of which are included as part of this report.
5. A “J” flag indicates that a reported analytical result is an estimated concentration value between the method detection limit (MDL) and the practical quantification limit (PQL) specified by the laboratory.
6. Other laboratory flags (qualifiers) may have been reported. See the official laboratory report (attached) for a complete list of laboratory flags.
7. Concentration graphs based on tables (presented following Figures) show non-detect results prior to the Second Quarter 2000 plotted at fixed values for graphical display. Non-detect results reported since that time are plotted at reporting limits stated in the official laboratory report.
8. Groundwater vs. Time graphs may be corrected for apparent level changes due to resurvey.

REFERENCE

TRC began groundwater monitoring and sampling for 76 Station 5671 in October 2003. Historical data compiled prior to that time were provided by Gettler-Ryan Inc.

Table 1
CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 18, 2005

76 Station 5671

	Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G 8260B	TPPH 8260B	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE 8021B	MTBE 8260B	Comments
MW-2															
	07/18/05	134.57	5.75	0.00	128.82	-0.46	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	--	60
MW-4A	07/18/05	133.51	4.97	0.00	128.54	-0.40	--	ND<50	ND<0.50	0.84	ND<0.50	1.3	--	--	100
MW-5	07/18/05	133.28	5.74	0.00	127.54	-0.62	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	--	25
MW-7	07/18/05	133.89	5.20	0.00	128.69	-0.80	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	--	10
MW-8	07/18/05	132.99	4.61	0.00	128.38	-0.69	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	--	39
MW-9	07/18/05	132.56	4.48	0.00	128.08	-0.34	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	--	11
MW-10	07/18/05	132.05	4.68	0.00	127.37	-0.39	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	760	
MW-11	07/18/05	132.87	5.75	0.00	127.12	-0.52	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	--	ND<0.50
MW-12	07/18/05	132.38	5.18	0.00	127.20	-0.43	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	--	52
MW-13	07/18/05	131.23	3.21	0.00	128.02	-0.25	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	--	ND<0.50

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 1990 Through July 2005
76 Station 5671

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground- water Elevation (feet)	Change in Elevation (feet)	TPH-G 8260B ($\mu\text{g/l}$)	TPPH 8260B ($\mu\text{g/l}$)	Benzene ($\mu\text{g/l}$)	Toluene ($\mu\text{g/l}$)	Ethy- benzene ($\mu\text{g/l}$)	Total Xylenes ($\mu\text{g/l}$)	MTBE 8021B ($\mu\text{g/l}$)	MTBE 8260B ($\mu\text{g/l}$)	Comments
MW-1														
07/16/90	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
12/04/90	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
02/09/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
05/08/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
08/14/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
10/18/91	--	--	--	--	--	ND	--	0.8	0.76	ND	0.7	--	--	
12/16/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
03/18/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
06/30/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
09/09/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
12/03/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
03/01/93	135.03	5.90	0.00	129.13	--	ND	--	ND	ND	ND	ND	--	--	
06/03/93	135.03	6.20	0.00	128.83	-0.30	--	--	ND	ND	ND	ND	--	--	
09/01/93	134.38	5.86	0.00	128.52	-0.31	ND	--	ND	ND	ND	ND	--	--	
11/29/93	134.38	6.25	0.00	128.13	-0.39	--	--	ND	ND	ND	ND	--	--	
03/02/94	134.38	5.16	0.00	129.22	1.09	ND	--	ND	ND	ND	ND	--	--	
06/02/94	134.38	5.61	0.00	128.77	-0.45	--	--	ND	ND	ND	ND	--	--	
09/01/94	134.38	6.06	0.00	128.32	-0.45	ND	--	ND	ND	ND	ND	--	--	
03/16/95	134.38	4.44	0.00	129.94	1.62	ND	--	ND	ND	ND	ND	--	--	
MW-2														
07/16/90	--	--	--	--	--	ND	--	ND	1.3	ND	ND	--	--	
12/04/90	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
02/09/91	--	--	--	--	--	75	--	11	ND	7	ND	--	--	
05/08/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 1990 Through July 2005
76 Station 5671

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylenbenzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-2 continued														
08/14/91	--	--	--	--	--	490	--	3.4	ND	92	0.61	--	--	--
10/18/91	--	--	--	--	--	ND	--	0.57	ND	0.86	ND	--	--	--
12/16/91	--	--	--	--	--	ND	--	1.1	ND	2.2	ND	--	--	--
03/18/92	--	--	--	--	--	ND	--	1.9	ND	3.9	ND	--	--	--
06/30/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	--
09/09/92	--	--	--	--	--	240	--	8.7	ND	7.1	ND	--	--	--
12/03/92	--	--	--	--	--	340	--	ND	ND	ND	ND	--	--	--
03/01/93	134.88	5.82	0.00	129.06	--	110	--	6.3	ND	1.5	ND	ND	--	--
06/03/93	134.88	6.13	0.00	128.75	-0.31	ND	--	ND	ND	ND	ND	ND	4.6	--
09/01/93	134.39	6.55	0.00	127.84	-0.91	ND	--	0.87	ND	ND	ND	ND	3.8	--
11/29/93	134.39	6.75	0.00	127.64	-0.20	140	--	29	1.1	ND	1.2	--	--	--
03/02/94	134.39	5.33	0.00	129.06	1.42	ND	--	ND	ND	ND	ND	ND	3.4	--
06/02/94	134.39	5.96	0.00	128.43	-0.63	ND	--	1.0	ND	ND	ND	ND	5.4	--
09/01/94	134.39	6.41	0.00	127.98	-0.45	ND	--	ND	ND	ND	ND	ND	5.0	--
03/16/95	134.39	4.46	0.00	129.93	1.95	320	--	ND	ND	ND	ND	ND	860	--
03/25/96	134.56	--	--	--	--	--	--	--	ND	ND	ND	ND	--	--
09/27/96	134.56	5.88	0.00	128.68	--	ND	--	ND	ND	ND	ND	ND	420	--
04/11/97	134.56	5.24	0.00	129.32	0.64	ND	--	ND	ND	ND	ND	ND	1100	--
03/16/98	134.56	4.66	0.00	129.90	0.58	ND	--	1.2	ND	ND	ND	ND	960	--
09/18/98	134.56	5.57	0.00	128.99	-0.91	ND	--	ND	ND	ND	ND	ND	2600	1800
03/12/99	134.56	4.51	0.00	130.05	1.06	ND	--	ND	ND	ND	ND	ND	3600	--
09/16/99	134.56	5.75	0.00	128.81	-1.24	50.5	--	2.73	ND	ND	ND	ND	1550	--
02/01/00	134.57	5.41	0.00	129.16	0.35	ND	--	1.6	ND	ND	ND	ND	1500	--
09/05/00	134.57	6.37	0.00	128.20	-0.96	50.6	--	1.95	ND	ND	ND	ND	1010	1200

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 1990 Through July 2005

76 Station 5671

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-2 continued														
03/19/01	134.57	5.88	0.00	128.69	0.49	ND	--	ND	0.612	ND	2.42	1650	--	
07/13/01	134.57	6.41	0.00	128.16	-0.53	ND	--	ND	ND	ND	ND	470	--	
03/30/02	134.57	6.00	0.00	128.57	0.41	ND<250	--	ND<2.5	ND<25	ND<2.5	ND<2.5	670	--	
09/09/02	134.57	6.85	0.00	127.72	-0.85	ND<1000	--	ND<10	ND<10	ND<10	ND<10	--	--	
03/01/03	134.57	5.89	0.00	128.68	0.96	--	940	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	400	
09/27/03	134.57	6.93	0.00	127.64	-1.04	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
03/04/04	134.57	5.34	0.00	129.23	1.59	--	ND<250	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	340	
09/08/04	134.57	6.73	0.00	127.84	-1.39	--	ND<250	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	230	
03/10/05	134.57	5.29	0.00	129.28	1.44	--	120	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	140	
07/18/05	134.57	5.75	0.00	128.82	-0.46	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	60	
MW-3														
07/16/90	--	--	--	--	--	1000	--	2.1	7.1	ND	ND	--	--	
12/04/90	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
02/09/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
05/08/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
08/14/91	--	--	--	--	--	230	--	ND	ND	ND	ND	--	--	
10/18/91	--	--	--	--	--	1300	--	ND	ND	ND	ND	--	--	
12/16/91	--	--	--	--	--	1200	--	ND	ND	ND	ND	--	--	
03/18/92	--	--	--	--	--	850	--	2.5	ND	41	ND	3400	--	
06/30/92	--	--	--	--	--	230	--	ND	ND	ND	ND	530	--	
09/09/92	--	--	--	--	--	200	--	1.5	ND	ND	ND	0.5	250	--
12/03/92	--	--	--	--	--	330	--	ND	ND	ND	ND	840	--	
03/01/93	134.62	5.62	0.00	129.00	--	240	--	ND	ND	ND	ND	170	--	
06/03/93	134.62	5.94	0.00	128.68	-0.32	1500	--	ND	ND	ND	ND	3900	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 1990 Through July 2005
76 Station 5671

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-3 continued														
09/01/93	134.39	6.23	0.00	128.16	-0.52	2500	--	ND	13	ND	23	3600	--	
11/29/93	134.39	6.10	0.00	128.29	0.13	2400	--	60	ND	18	57	--	--	
03/02/94	134.39	5.51	0.00	128.88	0.59	9900	--	ND	ND	ND	ND	15000	--	
06/02/94	134.39	5.96	0.00	128.43	-0.45	9900	--	ND	ND	ND	ND	14000	--	
09/01/94	134.39	6.25	0.00	128.14	-0.29	17000	--	ND	ND	ND	ND	18000	--	
MW-4														
07/16/90	--	--	--	--	--	890	--	5.7	1.8	0.52	11	--	--	
12/04/90	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
02/09/91	--	--	--	--	--	67	--	5.6	ND	5.4	2.5	--	--	
05/08/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
08/14/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
10/18/91	--	--	--	--	--	370	--	12	ND	5.1	0.89	--	--	
12/16/91	--	--	--	--	--	300	--	5	ND	9.9	17	--	--	
03/18/92	--	--	--	--	--	1600	--	31	ND	20	280	--	--	
06/30/92	--	--	--	--	--	280	--	ND	ND	ND	ND	--	--	
09/09/92	--	--	--	--	--	1400	--	150	ND	38	79	350	--	
12/03/92	--	--	--	--	--	1500	--	100	2.1	30	110	540	--	
03/01/93	133.91	5.95	0.00	127.96	--	ND	--	2.5	ND	ND	--	27	--	
06/03/93	133.91	6.25	0.00	127.66	-0.30	1900	--	13	ND	ND	ND	4500	--	
09/01/93	133.58	5.43	0.00	128.15	0.49	2800	--	37	ND	ND	ND	4900	--	
11/29/93	133.58	5.51	0.00	128.07	-0.08	6300	--	120	67	71	180	--	--	
03/02/94	133.58	4.67	0.00	128.91	0.84	8300	--	ND	ND	ND	100	14000	--	
06/02/94	133.58	5.27	0.01	128.32	-0.59	55000	--	ND	ND	ND	ND	12000	--	
09/01/94	133.58	5.52	0.00	128.06	-0.26	15000	--	ND	ND	ND	ND	20000	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 1990 Through July 2005
76 Station 5671

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G ($\mu\text{g/l}$)	TPPH 8260B ($\mu\text{g/l}$)	Benzene ($\mu\text{g/l}$)	Toluene ($\mu\text{g/l}$)	Ethyl-benzene ($\mu\text{g/l}$)	Total Xylenes ($\mu\text{g/l}$)	MTBE 8021B ($\mu\text{g/l}$)	MTBE 8260B ($\mu\text{g/l}$)	Comments
MW-4 continued														
03/16/95	133.58	3.92	0.00	129.66	1.60	7600	--	ND	ND	ND	ND	17000	--	Sheen
MW-4A														
03/25/96	133.52	4.53	0.00	128.99	--	ND	--	28	ND	21	ND	3300	--	
09/27/96	133.52	4.92	0.00	128.60	-0.39	ND	--	ND	ND	5.6	14	12	3200	--
04/11/97	133.52	4.50	0.00	129.02	0.42	ND	--	ND	ND	ND	ND	4200	--	
03/16/98	133.52	3.80	0.00	129.72	0.70	ND	--	ND	ND	ND	ND	3300	--	
09/18/98	133.52	4.60	0.00	128.92	-0.80	ND	--	ND	ND	ND	ND	ND	1100	
03/12/99	133.52	3.67	0.00	129.85	0.93	ND	--	ND	ND	ND	ND	ND	1200	
09/16/99	133.52	4.72	0.00	128.80	-1.05	ND	--	ND	ND	ND	ND	ND	3600	--
02/01/00	133.51	4.72	0.00	128.79	-0.01	ND	--	ND	ND	ND	ND	ND	4730	--
09/05/00	133.51	5.55	0.00	127.96	-0.83	90.8	--	0.616	ND	ND	ND	ND	6600	--
03/19/01	133.51	5.14	0.00	128.37	0.41	ND	--	ND	ND	ND	ND	ND	3300	
07/13/01	133.51	5.60	0.00	127.91	-0.46	ND	--	ND	ND	ND	ND	ND	3680	
03/30/02	133.51	5.27	0.00	128.24	0.33	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	980	--
09/09/02	133.51	5.99	0.00	127.52	-0.72	ND<1000	--	ND<10	ND<10	ND<10	ND<10	ND<10	1000	--
03/01/03	133.51	5.15	0.00	128.36	0.84	--	1400	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	580
09/27/03	133.51	6.08	0.00	127.43	-0.93	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	
03/04/04	133.51	5.38	0.00	128.13	0.70	--	200	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	280
09/08/04	133.51	5.89	0.00	127.62	-0.51	--	180	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	180
03/10/05	133.51	4.57	0.00	128.94	1.32	--	ND<100	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	140
07/18/05	133.51	4.97	0.00	128.54	-0.40	--	ND<50	ND<0.50	0.84	ND<0.50	1.3	1.3	--	100
MW-5														
02/09/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	ND	--	--
05/08/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	ND	--	--

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 1990 Through July 2005
76 Station 5671

MW-5, continued	Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
08/14/91	--	--	--	--	--	--	ND	--	0.48	0.62	ND	0.71	--	--	
10/18/91	--	--	--	--	--	--	ND	ND	ND	ND	ND	ND	--	--	
12/16/91	--	--	--	--	--	--	ND	ND	ND	ND	ND	ND	--	--	
03/18/92	--	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
06/30/92	--	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
09/09/92	--	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
12/03/92	--	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
03/01/93	134.05	5.63	0.00	128.42	--	ND	--	ND	ND	ND	ND	ND	--	--	
06/03/93	134.05	5.92	0.00	128.13	-0.29	--	ND	--	ND	ND	ND	ND	--	--	
09/01/93	133.67	5.70	0.00	127.97	-0.16	ND	--	ND	ND	ND	ND	ND	--	--	
11/29/93	133.67	5.82	0.00	127.85	-0.12	--	--	--	--	--	--	--	--	--	
03/02/94	133.67	5.30	0.00	128.37	0.52	ND	--	ND	ND	ND	ND	ND	--	--	
06/02/94	133.67	5.50	0.00	128.17	-0.20	--	--	--	--	--	--	--	--	--	
09/01/94	133.67	5.71	0.00	127.96	-0.21	ND	--	ND	ND	ND	ND	ND	--	--	
03/16/95	133.67	4.75	0.00	128.92	0.96	ND	--	ND	ND	ND	ND	ND	--	--	
03/25/96	133.22	4.58	0.00	128.64	-0.28	ND	--	ND	ND	ND	ND	ND	--	--	
09/27/96	133.22	4.83	0.00	128.39	-0.25	ND	--	ND	ND	ND	ND	ND	--	--	
04/11/97	133.22	4.40	0.00	128.82	0.43	ND	--	ND	ND	ND	ND	ND	8.9	--	
03/16/98	133.22	4.05	0.00	129.17	0.35	ND	--	ND	ND	ND	ND	ND	6.4	--	
09/18/98	133.22	4.57	0.00	128.65	-0.52	ND	--	ND	ND	ND	ND	ND	3.7	--	
03/12/99	133.22	3.93	0.00	129.29	0.64	ND	--	ND	ND	ND	ND	ND	--	--	
09/16/99	133.22	4.69	0.00	128.53	-0.76	ND	--	ND	ND	ND	ND	ND	--	--	
02/01/00	133.28	5.11	0.00	128.17	-0.36	ND	--	ND	ND	ND	ND	ND	--	--	
09/05/00	133.28	5.60	0.00	127.68	-0.49	ND	--	ND	ND	ND	ND	ND	5.4	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 1990 Through July 2005

76 Station 5671

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-5 continued														
03/19/01	133.28	5.42	0.00	127.86	0.18	ND	--	ND	ND	ND	ND	ND	ND	--
07/13/01	133.28	5.65	0.00	127.63	-0.23	ND	--	ND	ND	ND	ND	ND	ND	--
03/30/02	133.28	5.50	0.00	127.78	0.15	ND>50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
09/09/02	133.28	5.94	0.00	127.34	-0.44	ND>50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
03/01/03	133.28	5.48	0.00	127.80	0.46	--	ND>50	ND<0.50	0.57	ND<0.50	ND<0.50	ND<0.50	ND<0.50	6.5
09/27/03	133.28	5.99	0.00	127.29	-0.51	--	ND>50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
03/04/04	133.28	5.25	0.00	128.03	0.74	--	ND>50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
09/08/04	133.28	5.90	0.00	127.38	-0.65	--	ND>50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
03/10/05	133.28	5.12	0.00	128.16	0.78	--	ND>50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
07/18/05	133.28	5.74	0.00	127.54	-0.62	--	ND>50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	25
MW-6														
02/09/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	ND	ND	--
05/08/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	ND	ND	--
08/14/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	ND	ND	--
10/18/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	ND	ND	--
12/16/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	ND	ND	--
03/18/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	ND	ND	--
06/30/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	ND	ND	--
09/09/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	ND	ND	--
12/03/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	ND	ND	--
03/01/93	134.27	5.80	0.00	128.47	--	ND	--	--	--	ND	ND	ND	ND	--
06/03/93	134.27	6.10	0.00	128.17	-0.30	--	--	--	--	ND	ND	ND	ND	--
09/01/93	134.00	5.95	0.00	128.05	-0.12	ND	--	--	--	ND	ND	ND	ND	--
11/29/93	134.00	6.00	0.00	128.00	-0.05	--	--	--	--	--	--	--	--	--

Sampled Semi-Annually

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 1990 Through July 2005
76 Station 5671

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-6 continued														
03/02/94	134.00	5.55	0.00	128.45	0.45	ND	--	ND	ND	ND	ND	--	--	--
06/02/94	134.00	5.76	0.00	128.24	-0.21	--	--	--	--	--	--	--	--	--
09/01/94	134.00	5.96	0.00	128.04	-0.20	ND	--	ND	ND	ND	ND	--	--	--
03/16/95	134.00	5.00	0.00	129.00	0.96	ND	--	ND	ND	ND	ND	--	--	--
MW-7														
10/18/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	--
12/16/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	--
03/18/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	--
06/30/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	--
09/09/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	--
12/03/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	--
03/01/93	134.23	4.65	0.00	129.58	--	ND	--	ND	ND	ND	ND	--	--	--
06/03/93	134.23	4.95	0.00	129.28	-0.30	--	--	ND	ND	ND	ND	--	--	--
09/01/93	133.90	5.18	0.00	128.72	-0.56	ND	--	ND	ND	ND	ND	--	--	--
11/29/93	133.90	5.25	0.00	128.65	-0.07	--	--	ND	ND	ND	ND	--	--	--
03/02/94	133.90	4.15	0.00	129.75	1.10	ND	--	ND	ND	ND	ND	--	--	--
06/02/94	133.90	4.75	0.00	129.15	-0.60	--	--	ND	ND	ND	ND	--	--	--
09/01/94	133.90	5.20	0.00	128.70	-0.45	ND	--	ND	ND	ND	ND	--	--	--
03/16/95	133.90	3.14	0.00	130.76	2.06	ND	--	ND	ND	ND	ND	--	--	--
03/25/96	133.90	4.23	0.00	129.67	-1.09	ND	--	ND	ND	ND	ND	--	--	--
09/27/96	133.90	4.94	0.00	128.96	-0.71	ND	--	ND	ND	ND	ND	--	--	--
04/11/97	133.90	4.44	0.00	129.46	0.50	ND	--	ND	ND	ND	ND	--	--	--
03/16/98	133.90	3.54	0.00	130.36	0.90	ND	--	ND	ND	ND	ND	--	--	--
09/18/98	133.90	4.63	0.00	129.27	-1.09	ND	--	ND	ND	ND	ND	--	--	2.2

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 1990 Through July 2005
76 Station 5671

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-7 continued														
03/12/99	133.90	3.45	0.00	130.45	1.18	ND	—	ND	ND	ND	ND	ND	ND	—
09/16/99	133.90	4.80	0.00	129.10	-1.35	ND	—	ND	ND	ND	ND	ND	ND	—
02/01/00	133.89	3.97	0.00	129.92	0.82	ND	—	ND	ND	ND	ND	ND	ND	—
09/05/00	133.89	4.98	0.00	128.91	-1.01	ND	—	ND	ND	ND	ND	ND	ND	—
03/19/01	133.89	4.52	0.00	129.37	0.46	ND	—	ND	ND	ND	ND	ND	ND	5.4
07/13/01	133.89	4.83	0.00	129.06	-0.31	ND	—	ND	ND	ND	ND	ND	ND	—
03/30/02	133.89	4.55	0.00	129.34	0.28	ND>50	—	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	42	—
09/09/02	133.89	5.64	0.00	128.25	-1.09	ND>50	—	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	32	—
03/01/03	133.89	4.40	0.00	129.49	1.24	—	ND>50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	—	12
09/27/03	133.89	5.43	0.00	128.46	-1.03	—	ND>50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	—
03/04/04	133.89	3.94	0.00	129.95	1.49	—	ND>50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	3.3
09/08/04	133.89	5.49	0.00	128.40	-1.55	—	ND>50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	19
03/10/05	133.89	4.40	0.00	129.49	1.09	—	ND>50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	6.8
07/18/05	133.89	5.20	0.00	128.69	-0.80	—	ND>50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	10
MW-8														
10/18/91	—	—	—	—	—	ND	—	ND	ND	ND	ND	ND	ND	—
12/16/91	—	—	—	—	—	170	—	ND	ND	4	ND	ND	ND	—
03/18/92	—	—	—	—	—	110	—	ND	ND	5	0.38	—	—	—
06/30/92	—	—	—	—	—	76	—	ND	ND	ND	2.7	—	—	—
09/09/92	—	—	—	—	—	ND	—	ND	ND	ND	ND	ND	ND	—
12/03/92	—	—	—	—	—	ND	—	ND	ND	ND	ND	ND	ND	—
03/01/93	133.54	4.30	0.00	129.24	—	ND	—	ND	ND	ND	ND	ND	ND	—
06/03/93	133.54	4.62	0.00	128.92	-0.32	ND	—	ND	ND	ND	ND	ND	ND	—
09/01/93	133.15	4.55	0.00	128.60	-0.32	76	—	1.9	0.89	3.5	0.74	1.9	—	—

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 1990 Through July 2005
76 Station 5671

MW-8 continued	Date	TOC Sampled	Depth to Elevation	LPH Water	Ground- water Thickness	Change in Elevation	TPH-G 8260B	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE 8021B	MTBE 8260B	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	($\mu\text{g/l}$)							
11/29/93	133.15	4.74	0.00	128.41	-0.19	170	--	28	1.2	ND	1.1	--	--	
03/02/94	133.15	3.81	0.00	129.34	0.93	84	--	ND	ND	5.2	ND	2.3	--	
06/02/94	133.15	4.28	0.00	128.87	-0.47	150	--	1.8	ND	4.3	ND	2.3	--	
09/01/94	133.15	4.62	0.00	128.53	-0.34	ND	--	ND	ND	0.92	ND	1.1	--	
03/16/95	133.15	2.89	0.00	130.26	1.73	65	--	1.1	ND	3.4	ND	1.9	--	
03/25/96	133.06	3.69	0.00	129.37	-0.89	ND	--	ND	ND	ND	ND	ND	--	
09/27/96	133.06	4.15	0.00	128.91	-0.46	ND	--	ND	ND	ND	ND	ND	--	
04/11/97	133.06	3.57	0.00	129.49	0.58	ND	--	ND	ND	ND	ND	ND	--	
03/16/98	133.06	2.93	0.00	130.13	0.64	ND	--	ND	ND	ND	ND	ND	--	
09/18/98	133.06	3.88	0.00	129.18	-0.95	ND	--	ND	ND	ND	ND	63	7.9	
03/12/99	133.06	2.84	0.00	130.22	1.04	ND	--	ND	ND	ND	ND	ND	--	
09/16/99	133.06	4.07	0.00	128.99	-1.23	ND	--	ND	ND	ND	ND	10.4	--	
02/01/00	132.99	3.33	0.00	129.66	0.67	ND	--	ND	ND	ND	ND	10	--	
09/05/00	132.99	4.43	0.00	128.56	-1.10	ND	--	ND	ND	ND	ND	7.76	7.7	
03/19/01	132.99	3.97	0.00	129.02	0.46	ND	--	ND	ND	ND	ND	ND	--	
07/13/01	132.99	4.44	0.00	128.55	-0.47	ND	--	7.9	ND	ND	ND	640	--	
03/30/02	132.99	4.01	0.00	128.98	0.43	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	17	--	
09/09/02	132.99	5.05	0.00	127.94	-1.04	51	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	57	--	
03/01/03	132.99	4.00	0.00	128.99	1.05	--	110	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	46	
09/27/03	132.99	5.06	0.00	127.93	-1.06	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
03/04/04	132.99	3.97	0.00	129.02	1.09	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	53	
09/08/04	132.99	4.90	0.00	128.09	-0.93	--	72	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	58	
03/10/05	132.99	3.92	0.00	129.07	0.98	--	ND<50	ND<0.50	ND<0.50	ND<1.0	--	56		
07/18/05	132.99	4.61	0.00	128.38	-0.69	--	ND<50	ND<0.50	ND<0.50	ND<1.0	--	39		

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 1990 Through July 2005

76 Station 5671

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylenbenzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-9														
02/01/00	132.56	3.92	0.00	128.64	--	560	--	11	3.3	ND	ND	13	ND	
09/05/00	132.56	4.87	0.00	127.69	-0.95	1730	--	ND	1.13	14.6	3.88	ND	ND	
03/19/01	132.56	4.59	0.00	127.97	0.28	155	--	0.830	ND	ND	ND	ND	ND	--
07/13/01	132.56	4.93	0.00	127.63	-0.34	130	--	1.9	1.2	3.0	ND	6.6	--	
03/30/02	132.56	4.64	0.00	127.92	0.29	63	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--
09/09/02	132.56	5.25	0.00	127.31	-0.61	66	--	2.4	0.99	ND<0.50	ND<0.50	5.1	--	
03/01/03	132.56	4.59	0.00	127.97	0.66	--	ND>50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	4.2	
09/27/03	132.56	5.62	0.00	126.94	-1.03	--	ND>50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0
03/04/04	132.56	4.24	0.00	128.32	1.38	--	ND>50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	5.7
09/08/04	132.56	5.19	0.00	127.37	-0.95	--	ND>50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	12
03/10/05	132.56	4.14	0.00	128.42	1.05	--	ND>50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	12
07/18/05	132.56	4.48	0.00	128.08	-0.34	--	ND>50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	11
MW-10														
02/01/00	132.05	4.20	0.00	127.85	--	ND	--	ND	ND	ND	ND	330	340	
09/05/00	132.05	4.69	0.00	127.36	-0.49	ND	--	ND	ND	ND	ND	2340	2100	
03/19/01	132.05	4.54	0.00	127.51	0.15	ND	--	ND	ND	ND	ND	2670	--	
07/13/01	132.05	4.89	0.00	127.16	-0.35	ND	--	ND	ND	ND	ND	1300	--	
03/30/02	132.05	4.65	0.00	127.40	0.24	ND<500	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	3200	--	
09/09/02	132.05	5.30	0.00	126.75	-0.65	ND<1000	--	ND<10	ND<10	ND<10	ND<10	1500	--	
03/01/03	132.05	4.54	0.00	127.51	0.76	--	2500	ND<10	ND<10	ND<10	ND<10	--	1100	
09/27/03	132.05	5.58	0.00	126.47	-1.04	--	ND>50	ND<0.50	0.58	ND<0.50	1.8	--	ND<2.0	
03/04/04	132.05	4.17	0.00	127.88	1.41	--	ND<500	ND<5.0	ND<5.0	ND<5.0	ND<10	--	820	
09/08/04	132.05	5.17	0.00	126.88	-1.00	--	600	ND<5.0	ND<5.0	ND<5.0	ND<10	--	770	
03/10/05	132.05	4.29	0.00	127.76	0.88	--	ND<500	ND<0.50	ND<0.50	ND<0.50	ND<10	--	900	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 1990 Through July 2005
76 Station 5671

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-10 continued														
07/18/05	132.05	4.68	0.00	127.37	-0.39	--	ND<50	ND<0.50	ND<0.50	ND<1.0	--	760		
MW-11														
02/01/00	132.87	4.90	0.00	127.97	--	ND	--	ND	ND	ND	ND	ND	ND	
09/05/00	132.87	5.13	0.00	127.74	-0.23	ND	--	ND	ND	ND	ND	ND	2.56	ND
03/19/01	132.87	5.14	0.00	127.73	-0.01	ND	--	ND	ND	ND	ND	ND	--	
07/13/01	132.87	5.19	0.00	127.68	-0.05	ND	--	ND	ND	ND	ND	ND	--	
03/30/02	132.87	5.14	0.00	127.73	0.05	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
09/09/02	132.87	5.34	0.00	127.53	-0.20	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
03/01/03	132.87	5.21	0.00	127.66	0.13	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<2.0	
09/27/03	132.87	5.40	0.00	127.47	-0.19	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
03/04/04	132.87	5.61	0.00	127.26	-0.21	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/08/04	132.87	6.35	0.00	126.52	-0.74	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/10/05	132.87	5.23	0.00	127.64	1.12	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
07/18/05	132.87	5.75	0.00	127.12	-0.52	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-12														
07/13/01	132.38	5.02	0.00	127.36	--	ND	--	ND	ND	ND	ND	12	11	
03/30/02	132.38	4.91	0.00	127.47	0.11	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<2.0	
09/09/02	--	5.41	0.00	--	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2.5	1.8	
03/01/03	132.38	4.93	0.00	127.45	--	--	--	150	ND<0.50	ND<0.50	ND<0.50	--	65	
09/27/03	132.38	5.80	0.00	126.58	-0.87	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
03/04/04	132.38	5.23	0.00	127.15	0.57	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	30	
09/08/04	132.38	5.55	0.00	126.83	-0.32	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.0	
03/10/05	132.38	4.75	0.00	127.63	0.80	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	51	
07/18/05	132.38	5.18	0.00	127.20	-0.43	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	52	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 1990 Through July 2005
76 Station 5671

Date Sampled	TOC Elevation	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylen-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-13														
07/13/01	131.23	3.48	0.00	127.75	--	ND	--	ND	ND	ND	ND	ND	ND	ND
03/30/02	131.23	3.23	0.00	128.00	0.25	ND>50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<2.0	
09/09/02	131.23	5.78	0.00	125.45	-2.55	ND>50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<0.50	
03/01/03	131.23	3.31	0.00	127.92	2.47	--	ND>50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	ND<2.0
09/27/03	131.23	4.42	0.00	126.81	-1.11	--	ND>50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	--	ND<2.0
03/04/04	131.23	3.25	0.00	127.98	1.17	--	ND>50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	--	ND<2.0
09/08/04	131.23	4.25	0.00	126.98	-1.00	--	ND>50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	--	ND<0.50
03/10/05	131.23	2.96	0.00	128.27	1.29	--	ND>50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	--	ND<0.50
07/18/05	131.23	3.21	0.00	128.02	-0.25	--	ND>50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	--	ND<0.50

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 5671

Date Sampled	TPH-D	EDC	PCE	1,1,1-Trichloroethane	1,1-Dichloroethane	4-Chlorotoluene	EDB	TAME 8260B	TBA 8260B	DPE 8260B	ETBE 8260B	Zinc	Ethanol 8260B	Nickel	Cadmium
	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)
MW-1															
02/09/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/08/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/14/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/18/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.011
12/16/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/18/92	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/30/92	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/09/92	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/03/92	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/01/93	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-
09/01/93	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-
03/02/94	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-
09/01/94	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-
03/16/95	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-2															
07/16/90	ND	22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/04/90	ND	14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.01
02/09/91	ND	19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.059
05/08/91	ND	21	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/14/91	100	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.074
10/18/91	ND	16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.012
12/16/91	ND	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.054
03/18/92	ND	9.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/30/92	--	7.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/09/92	200	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.014
12/03/92	860	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 5671

Date Sampled	TPH-D	EDC	PCE	1,1,1-Trichloro-ethane	1,1-Chloro-toluene	EDB	TAME 8260B	TBA 8260B	DPE 8260B	ETBE 8260B	Zinc	Ethanol 8260B	Nickel	Cadmium	
	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	
MW-2 continued															
03/01/93	71	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/03/93	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/01/93	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
11/29/93	180	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
03/02/94	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/02/94	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/01/94	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/16/95	ND	8.3	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
09/27/96	68	--	--	--	--	--	--	--	--	--	--	--	--	--	--
04/11/97	78	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
03/16/98	64	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
09/18/98	180	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/12/99	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
09/16/99	150	--	--	--	--	--	--	--	--	--	--	--	--	--	--
02/01/00	292	ND	ND	ND	ND	--	--	--	--	--	--	--	--	--	--
09/05/00	120	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
03/19/01	140	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07/13/01	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/30/02	130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/09/02	220	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/01/03	120	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/27/03	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/04/04	78	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/08/04	ND>50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/10/05	130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07/18/05	120	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 5671

Date Sampled	TPH-D	EDC	PCE	1,1,1-Trichloro-ethane	1,1-Chloro-toluene	EDB	TAME 8260B	TBA 8260B	DPE 8260B	ETBE 8260B	Zinc	Ethanol 8260B	Nickel	Cadmium (mg/l)	
MW-3															
02/09/91	130	46	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/08/91	150	39	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/14/91	70	30	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/18/91	ND	28	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/16/91	520	19	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/18/92	220	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/30/92	-	16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/09/92	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/03/92	390	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/01/93	560	-	-	-	-	-	-	-	-	-	-	-	-	-	-
06/03/93	140	-	-	-	-	-	-	-	-	-	-	-	-	-	-
09/01/93	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/29/93	110000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/02/94	550	-	-	-	-	-	-	-	-	-	-	-	-	-	-
06/02/94	1200	-	-	-	-	-	-	-	-	-	-	-	-	-	-
09/01/94	270	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-4															
02/09/91	410	9.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/08/91	600	5.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/14/91	150	4.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/18/91	ND	4.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/16/91	36000	1.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/18/92	1200	1.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/30/92	-	1.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/09/92	3700	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/03/92	1300	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 5671

Date Sampled	TPH-D	EDC	PCE	1,1,1-Trichloro-ethane ($\mu\text{g/l}$)	4-Chloro-toluene ($\mu\text{g/l}$)	1,1-Dichloro-ethane ($\mu\text{g/l}$)	TAME 8260B	TBA 8260B	DIP E 8260B	ETBE 8260B	Zinc	Ethanol 8260B	Nickel	Cadmium (mg/l)	
MW-4 continued															
03/01/93	690	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/03/93	1800	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/01/93	530	--	--	--	--	--	--	--	--	--	--	--	--	--	--
11/29/93	6700	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/02/94	3000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/02/94	430	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/01/94	1600	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/16/95	19000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-4A															
03/25/96	120	1.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/27/96	170	--	--	--	--	--	--	--	--	--	--	--	--	--	--
04/11/97	190	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/16/98	170	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/18/98	440	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/12/99	2200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/16/99	340	--	--	--	--	--	--	--	--	--	--	--	--	--	--
02/01/00	1620	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/05/00	4600	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
03/19/01	65	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07/13/01	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/30/02	330	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/09/02	630	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/01/03	190	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/27/03	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/04/04	71	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/08/04	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 5671

Date Sampled	TPH-D	EDC	PCE	1,1,1-Trichloroethane ($\mu\text{g/l}$)	1,1-Chloro-toluene ($\mu\text{g/l}$)	4-Chloro-ethane ($\mu\text{g/l}$)	TAME 8260B ($\mu\text{g/l}$)	TBA 8260B ($\mu\text{g/l}$)	DIP E 8260B ($\mu\text{g/l}$)	ETBE 8260B ($\mu\text{g/l}$)	Zinc (mg/l)	Ethanol 8260B ($\mu\text{g/l}$)	Nickel (mg/l)	Cadmium (mg/l)
MW-4A continued														
03/10/05	180	--	--	--	--	--	--	--	--	--	--	--	--	--
07/18/05	65	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-5														
02/09/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/08/91	ND	ND	5.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/14/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/18/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/16/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/18/92	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/30/92	--	ND	ND	ND	2.7	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/09/92	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/03/92	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/01/93	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
09/01/93	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
03/02/94	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
09/01/94	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
03/16/95	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
03/25/96	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
09/27/96	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
04/11/97	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
03/16/98	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
09/18/98	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
03/12/99	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
09/16/99	71	--	--	--	--	--	--	--	--	--	--	--	--	--
02/01/00	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
09/05/00	ND	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 5671

Date Sampled	TPH-D	EDC	PCE	1,1,1-Trichloroethane ($\mu\text{g/l}$)	1,1-Chloro-toluene ($\mu\text{g/l}$)	4-Chloro-ethane ($\mu\text{g/l}$)	TAME 8260B ($\mu\text{g/l}$)	TBA 8260B ($\mu\text{g/l}$)	DPE 8260B ($\mu\text{g/l}$)	ETBE 8260B ($\mu\text{g/l}$)	Zinc ($\mu\text{g/l}$)	Ethanol 8260B ($\mu\text{g/l}$)	Nickel ($\mu\text{g/l}$)	Cadmium ($\mu\text{g/l}$)
MW-5 continued														
03/19/01	ND	-	-	-	-	-	-	-	-	-	-	-	-	-
07/13/01	ND	-	-	-	-	-	-	-	-	-	-	-	-	-
03/30/02	ND<50	-	-	-	-	-	-	-	-	-	-	-	-	-
09/09/02	ND<50	-	-	-	-	-	-	-	-	-	-	-	-	-
03/01/03	ND<50	-	-	-	-	-	-	-	-	-	-	-	-	-
09/27/03	ND<50	-	-	-	-	-	-	-	-	-	-	-	-	-
03/04/04	ND<50	-	-	-	-	-	-	-	-	-	-	-	-	-
09/08/04	ND<50	-	-	-	-	-	-	-	-	-	-	-	-	-
03/10/05	ND<50	-	-	-	-	-	-	-	-	-	-	-	-	-
07/18/05	ND<50	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-6														
02/09/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
05/08/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/14/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/18/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/16/91	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/18/92	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/30/92	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/09/92	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/03/92	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/01/93	ND	-	-	-	-	-	-	-	-	-	-	-	-	-
09/01/93	ND	-	-	-	-	-	-	-	-	-	-	-	-	-
03/02/94	ND	-	-	-	-	-	-	-	-	-	-	-	-	-
09/01/94	ND	-	-	-	-	-	-	-	-	-	-	-	-	-
03/16/95	ND	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-7														

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 5671

Date Sampled	TPH-D	EDC	PCE	1,1,1-Trichloroethane ($\mu\text{g/l}$)	1,1,1-Dichloroethane ($\mu\text{g/l}$)	4-Chlorotoluene ($\mu\text{g/l}$)	EDB	TAME 8260B ($\mu\text{g/l}$)	TBA 8260B ($\mu\text{g/l}$)	DPE 8260B ($\mu\text{g/l}$)	ETBE 8260B ($\mu\text{g/l}$)	Zinc (mg/l)	Ethanol 8260B (mg/l)	Nickel (mg/l)	Cadmium (mg/l)
MW-7 continued															
10/18/91	ND	ND	ND	ND	ND	ND	-	-	-	-	-	0.053	-	ND	0.013
12/16/91	ND	ND	ND	ND	ND	ND	-	-	-	-	-	-	-	-	-
03/18/92	ND	ND	ND	ND	ND	ND	-	-	-	-	-	ND	-	ND	ND
06/30/92	--	ND	ND	ND	ND	ND	-	-	-	-	-	0.04	-	0.068	0.011
09/09/92	ND	ND	ND	ND	ND	ND	-	-	-	-	-	-	-	-	-
12/03/92	ND	ND	ND	ND	ND	ND	-	-	-	-	-	-	-	-	-
03/01/93	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-
09/01/93	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-
03/02/94	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-
09/01/94	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-
03/16/95	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-
03/25/96	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-
09/27/96	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-
04/11/97	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-
03/16/98	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-
09/18/98	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-
03/12/99	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-
09/16/99	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-
02/01/00	93.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
09/05/00	ND	ND	-	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/19/01	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-
07/13/01	56	-	-	-	-	-	-	-	-	-	-	-	-	-	-
03/30/02	ND<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
09/09/02	ND<56	-	-	-	-	-	-	-	-	-	-	-	-	-	-
03/01/03	ND<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
09/27/03	ND<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 5671

Date Sampled	TPH-D	EDC	PCE	1,1,1-Trichloroethane	1,1-Dichloroethane	4-Chlorotoluene	EDB	TAME 8260B	TBA 8260B	DPE 8260B	ETBE 8260B	Zinc	Ethanol 8260B	Nickel	Cadmium
	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)	($\mu\text{g/l}$)
MW-7 continued															
03/04/04	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/08/04	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/10/05	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07/18/05	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-8															
10/18/91	ND	3.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.013
12/16/91	ND	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/18/92	ND	1.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/30/92	--	1.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/09/92	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.011
12/03/92	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/01/93	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/03/93	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/01/93	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
11/29/93	180	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/02/94	55	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/02/94	82	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/01/94	82	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/16/95	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/25/96	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/27/96	69	--	--	--	--	--	--	--	--	--	--	--	--	--	--
04/11/97	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/16/98	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/18/98	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/12/99	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/16/99	83	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 5671

Date Sampled	TPH-D	EDC	PCE	1,1,1-Trichloroethane ($\mu\text{g/l}$)	1,1-Dichloroethane ($\mu\text{g/l}$)	4-Chlorotoluene ($\mu\text{g/l}$)	TAME 8260B ($\mu\text{g/l}$)	TBA 8260B ($\mu\text{g/l}$)	DPE 8260B ($\mu\text{g/l}$)	ETBE 8260B ($\mu\text{g/l}$)	Zinc (mg/l)	Ethanol 8260B (mg/l)	Nickel (mg/l)	Cadmium (mg/l)
MW-8 continued														
02/01/00	80.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/05/00	ND	ND	--	--	--	--	--	--	--	--	--	--	--	--
03/19/01	ND	--	--	--	--	--	--	--	--	--	--	--	--	--
07/13/01	140	--	--	--	--	--	--	--	--	--	--	--	--	--
03/30/02	53	--	--	--	--	--	--	--	--	--	--	--	--	--
09/09/02	210	--	--	--	--	--	--	--	--	--	--	--	--	--
03/01/03	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--
09/27/03	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--
03/04/04	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--
09/08/04	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--
03/10/05	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--
07/18/05	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-9														
02/01/00	445	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
09/05/00	1700	ND	--	--	--	--	--	--	--	--	--	--	--	--
03/19/01	79	--	--	--	--	--	--	--	--	--	--	--	--	--
07/13/01	100	--	--	--	--	--	--	--	--	--	--	--	--	--
03/30/02	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--
09/09/02	74	--	--	--	--	--	--	--	--	--	--	--	--	--
03/01/03	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--
09/27/03	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--
03/04/04	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--
09/08/04	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--
03/10/05	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--
07/18/05	ND<50	--	--	--	--	--	--	--	--	--	--	--	--	--
MW-10														

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 5671

Date Sampled	TPH-D	EDC	PCE	1,1,1-Trichloroethane ($\mu\text{g/l}$)	1,1-Dichloroethane ($\mu\text{g/l}$)	4-Chlorotoluene ($\mu\text{g/l}$)	TAME 8260B ($\mu\text{g/l}$)	TBA 8260B ($\mu\text{g/l}$)	DPE 8260B ($\mu\text{g/l}$)	ETBE 8260B ($\mu\text{g/l}$)	Zinc (mg/l)	Ethanol 8260B ($\mu\text{g/l}$)	Nickel (mg/l)	Cadmium (mg/l)
MW-10 continued														
02/01/00	109	11	ND	ND	-	-	-	-	-	-	-	-	-	-
09/05/00	ND	ND	-	-	ND	ND	ND	ND	ND	ND	-	-	-	-
03/19/01	ND	-	-	-	-	-	-	-	-	-	-	-	-	-
07/13/01	ND	-	-	-	-	-	-	-	-	-	-	-	-	-
03/30/02	ND>50	-	-	-	-	-	-	-	-	-	-	-	-	-
09/09/02	ND>50	-	-	-	-	-	-	-	-	-	-	-	-	-
03/01/03	ND>50	-	-	-	-	-	-	-	-	-	-	-	-	-
09/27/03	ND>50	-	-	-	-	-	-	-	-	-	-	-	-	-
03/04/04	ND>50	-	-	-	-	-	-	-	-	-	-	-	-	-
09/08/04	ND>50	-	-	-	-	-	-	-	-	-	-	-	-	-
03/10/05	ND>50	-	-	-	-	-	-	-	-	-	-	-	-	-
07/18/05	ND>50	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-11														
02/01/00	117	ND	ND	-	-	-	-	-	-	-	-	-	-	-
09/05/00	52	ND	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
03/19/01	ND	-	-	-	-	-	-	-	-	-	-	-	-	-
07/13/01	ND	-	-	-	-	-	-	-	-	-	-	-	-	-
03/30/02	ND>50	-	-	-	-	-	-	-	-	-	-	-	-	-
09/09/02	ND>50	-	-	-	-	-	-	-	-	-	-	-	-	-
03/01/03	ND>50	-	-	-	-	-	-	-	-	-	-	-	-	-
09/27/03	ND>50	-	-	-	-	-	-	-	-	-	-	-	-	-
03/04/04	ND>50	-	-	-	-	-	-	-	-	-	-	-	-	-
09/08/04	ND>50	-	-	-	-	-	-	-	-	-	-	-	-	-
03/10/05	ND>50	-	-	-	-	-	-	-	-	-	-	-	-	-
07/18/05	ND>50	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-12														

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 5671

Date Sampled	TPH-D	EDC	PCE	1,1,1-Trichloro-ethane ($\mu\text{g/l}$)	1,1-Dichloro-ethane ($\mu\text{g/l}$)	4-Chloro-toluene ($\mu\text{g/l}$)	EDB	TAME 8260B	TBA 8260B	DIP E 8260B	ETBE 8260B	Zinc	Ethanol 8260B	Nickel	Cadmium (mg/l)
MW-12 continued															
07/13/01	ND	-	-	-	-	-	-	-	ND	40	ND	ND	-	-	-
03/30/02	ND<50	-	-	-	-	-	-	-	ND<2.0	ND<20	ND<2.0	ND<2.0	-	-	-
09/09/02	ND<50	-	-	-	-	-	-	-	ND<0.50	ND<5.0	ND<0.50	ND<0.50	-	-	-
03/01/03	ND<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
09/27/03	ND<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
03/04/04	ND<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
09/08/04	ND<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
03/10/05	ND<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
07/18/05	ND<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MW-13															
07/13/01	ND	-	-	-	-	-	-	-	ND	ND	ND	ND	-	-	-
03/30/02	ND<50	-	-	-	-	-	-	-	ND<2.0	ND<20	ND<2.0	ND<2.0	-	-	-
09/09/02	56	-	-	-	-	-	-	-	ND<0.50	ND<5.0	ND<0.50	ND<0.50	-	-	-
03/01/03	ND<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
09/27/03	ND<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
03/04/04	ND<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
09/08/04	ND<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
03/10/05	ND<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-
07/18/05	ND<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 3 b
ADDITIONAL ANALYTICAL RESULTS
76 Station 5671

Date Sampled	Chromium (mg/l)	Nitrate (mg/l)	D-Lead (mg/l)
MW-1			
02/09/91	0.01	--	ND
05/08/91	ND	3.1	0.015
08/14/91	ND	--	ND
10/18/91	ND	ND	0.0079
03/18/92	0.032	2.7	ND
06/30/92	0.01	--	ND
09/09/92	--	ND	--
03/01/93	--	ND	--
09/01/93	--	ND	--
03/02/94	--	ND	--
09/01/94	--	ND	--
MW-2			
07/16/90	0.025	ND	ND
12/04/90	ND	--	ND
02/09/91	ND	--	ND
05/08/91	ND	ND	0.01
08/14/91	ND	--	ND
10/18/91	ND	ND	ND
03/18/92	ND	ND	ND
06/30/92	ND	--	ND
09/09/92	--	ND	--
03/01/93	--	ND	--
09/01/93	--	ND	--
03/02/94	--	ND	--
09/01/94	--	ND	--
09/27/96	--	ND	--

Table 3 b
ADDITIONAL ANALYTICAL RESULTS
76 Station 5671

	Date Sampled	Chromium (mg/l)	Nitrate (mg/l)	D-Lead (mg/l)
MW-3				
07/16/90	--	ND	--	ND
02/09/91	0.02	--	ND	ND
05/08/91	ND	ND	0.015	ND
08/14/91	ND	--	ND	ND
10/18/91	ND	ND	ND	ND
03/18/92	0.006	ND	ND	ND
06/30/92	0.0077	--	ND	ND
09/09/92	--	ND	--	ND
03/01/93	--	0.31	--	ND
09/01/93	--	ND	--	ND
03/02/94	--	ND	--	ND
09/01/94	--	ND	--	ND
MW-4				
07/16/90	--	ND	--	ND
02/09/91	0.014	--	ND	ND
05/08/91	ND	ND	0.012	ND
08/14/91	ND	--	ND	ND
10/18/91	ND	ND	ND	ND
03/18/92	ND	ND	ND	ND
06/30/92	ND	--	ND	ND
09/09/92	--	ND	--	ND
03/01/93	--	ND	--	ND
09/01/93	--	ND	--	ND
03/02/94	--	ND	--	ND
09/01/94	--	ND	--	ND

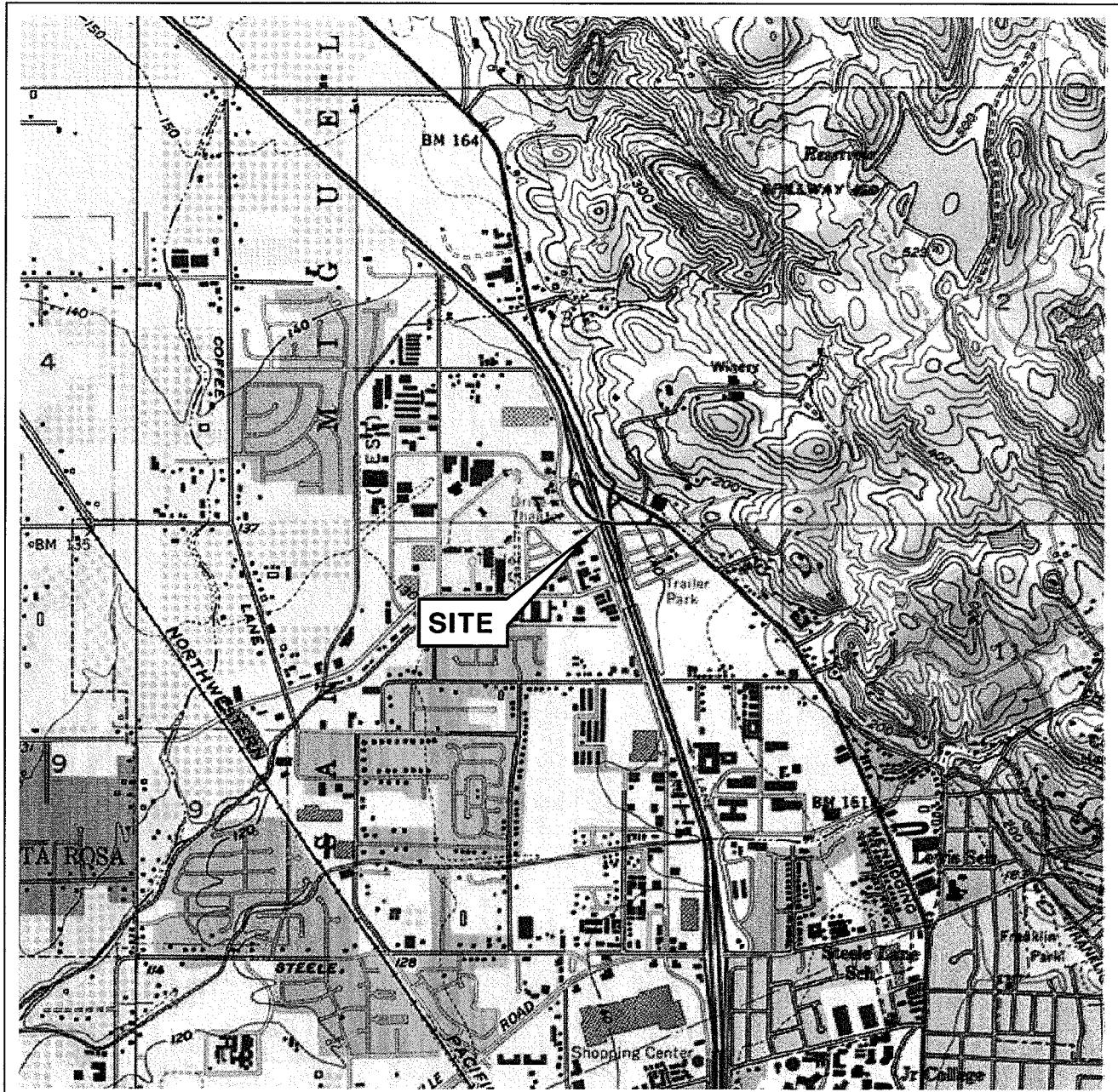
Table 3 b
ADDITIONAL ANALYTICAL RESULTS
76 Station 5671

Date Sampled	Chromium	Nitrate	D-Lead
	(mg/l)	(mg/l)	(mg/l)
MW-4A continued			
09/27/96	--	ND	--
02/09/91	ND	--	ND
05/08/91	ND	1.9	0.011
08/14/91	ND	--	ND
10/18/91	ND	ND	ND
03/18/92	ND	ND	ND
06/30/92	ND	--	0.0062
09/09/92	--	ND	--
03/01/93	--	ND	--
09/01/93	--	0.24	--
03/02/94	--	ND	--
09/01/94	--	ND	--
09/27/96	--	ND	--
MW-6			
02/09/91	0.012	--	ND
05/08/91	ND	ND	0.021
08/14/91	ND	--	ND
10/18/91	ND	ND	0.0054
03/18/92	ND	ND	ND
06/30/92	ND	--	ND
09/09/92	--	ND	--
03/01/93	--	ND	--
09/01/93	--	0.23	--
03/02/94	--	ND	--
09/01/94	--	4.2	--

Table 3 b
ADDITIONAL ANALYTICAL RESULTS
76 Station 5671

Date Sampled	Chromium (mg/l)	Nitrate (mg/l)	D-Lead (mg/l)
MW-7			
10/18/91	ND	ND	ND
03/18/92	ND	ND	ND
06/30/92	ND	--	ND
09/09/92	--	ND	--
03/01/93	--	ND	--
09/01/93	--	ND	--
03/02/94	--	ND	--
09/01/94	--	ND	--
09/27/96	--	ND	--
MW-8			
10/18/91	ND	ND	0.0066
03/18/92	ND	ND	ND
06/30/92	ND	--	ND
09/09/92	--	ND	--
03/01/93	--	ND	--
09/01/93	--	ND	--
03/02/94	--	ND	--
09/01/94	--	ND	--
09/27/96	--	ND	--

FIGURES



0 1/4 1/2 3/4 1 MILE

SCALE 1:24,000

N

QUADRANGLE
LOCATION

VICINITY MAP

76 Station 5671
3551 Cleveland Avenue
Santa Rosa, California

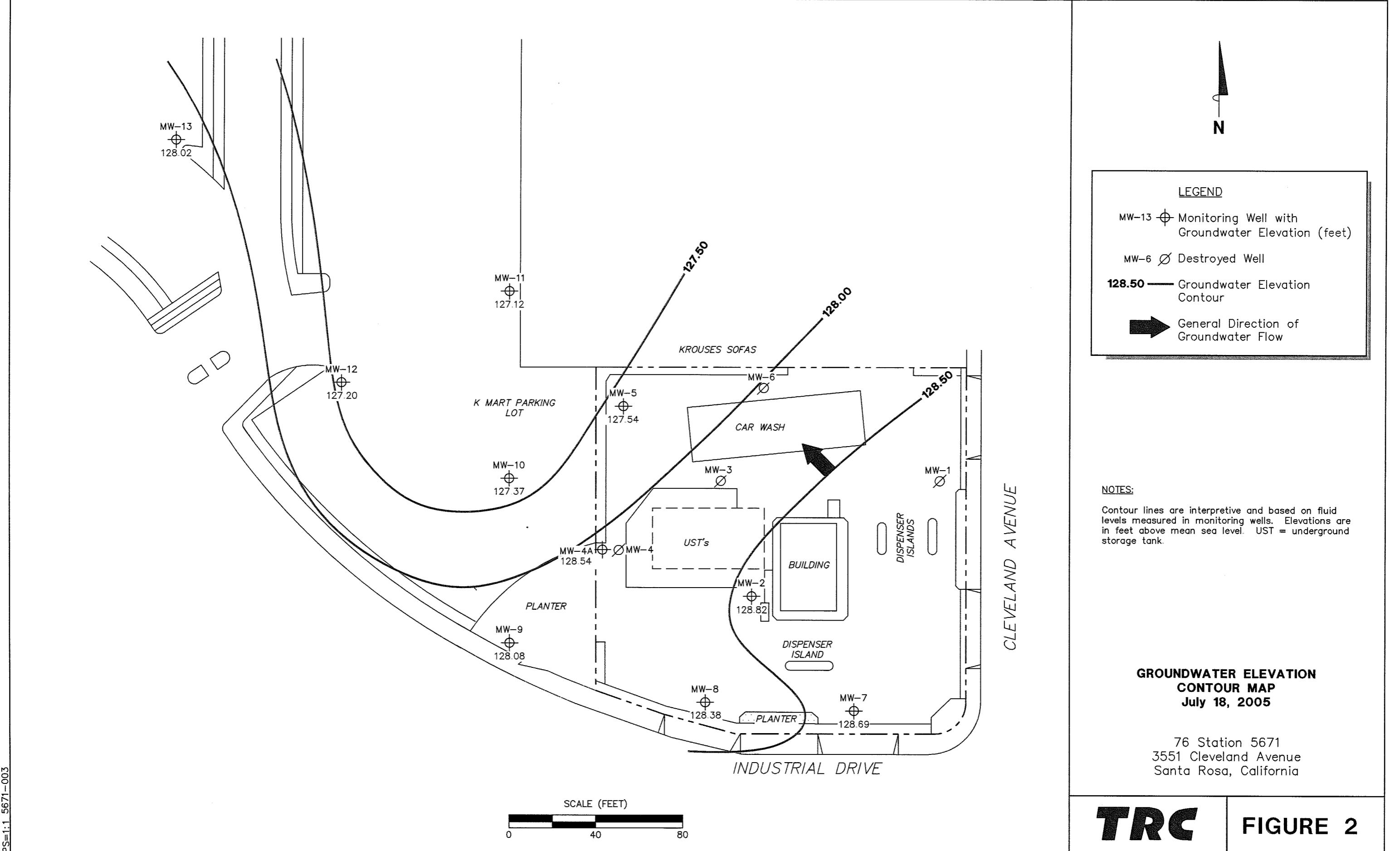
SOURCE:

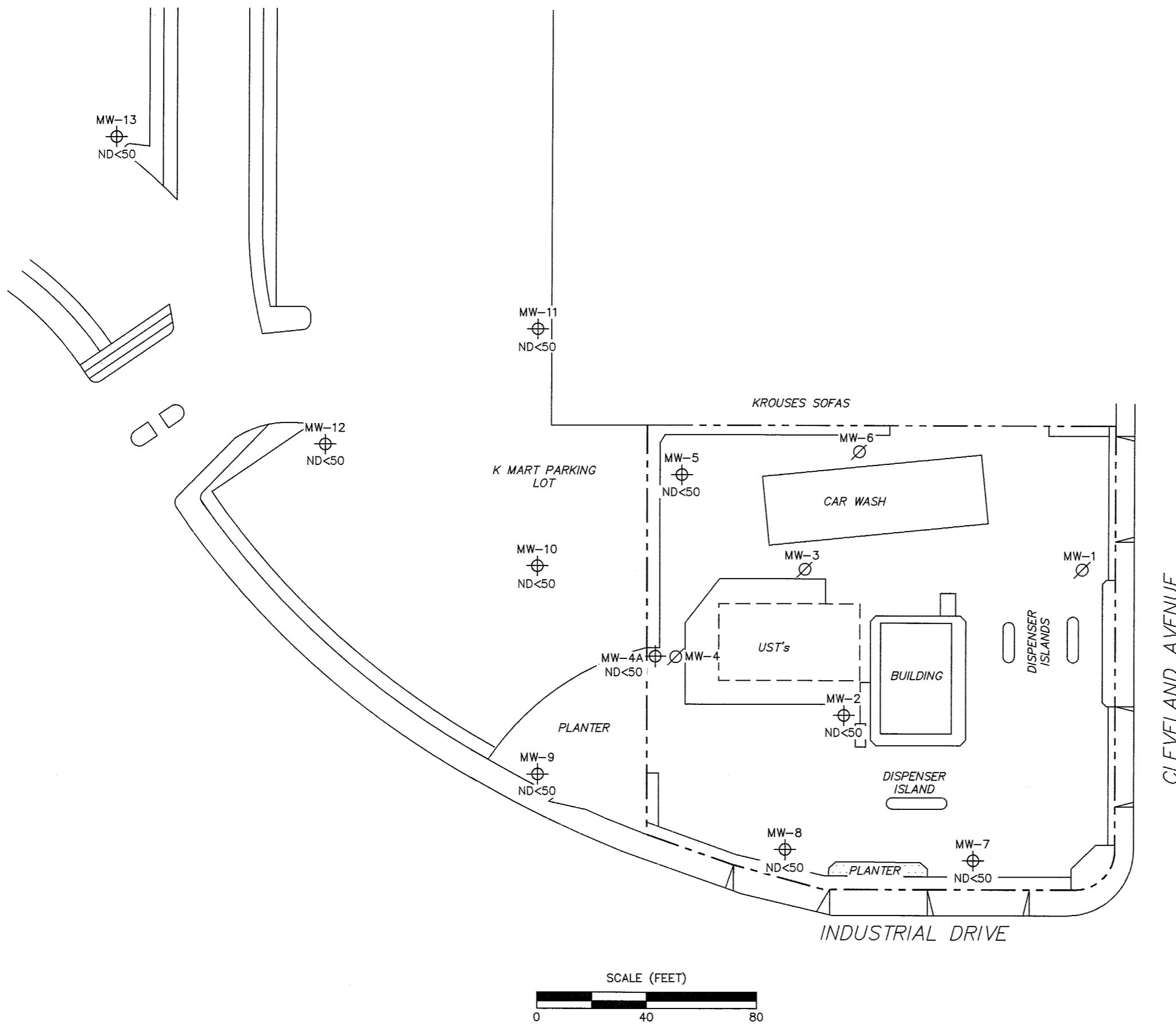
United States Geological Survey
7.5 Minute Topographic Map:
Santa Rosa Quadrangle

PS = 1:1

TRC

FIGURE 1





LEGEND

MW-13 Monitoring Well with Dissolved-Phase TPPH Concentration ($\mu\text{g/l}$)

MW-6 Destroyed Well

NOTES:

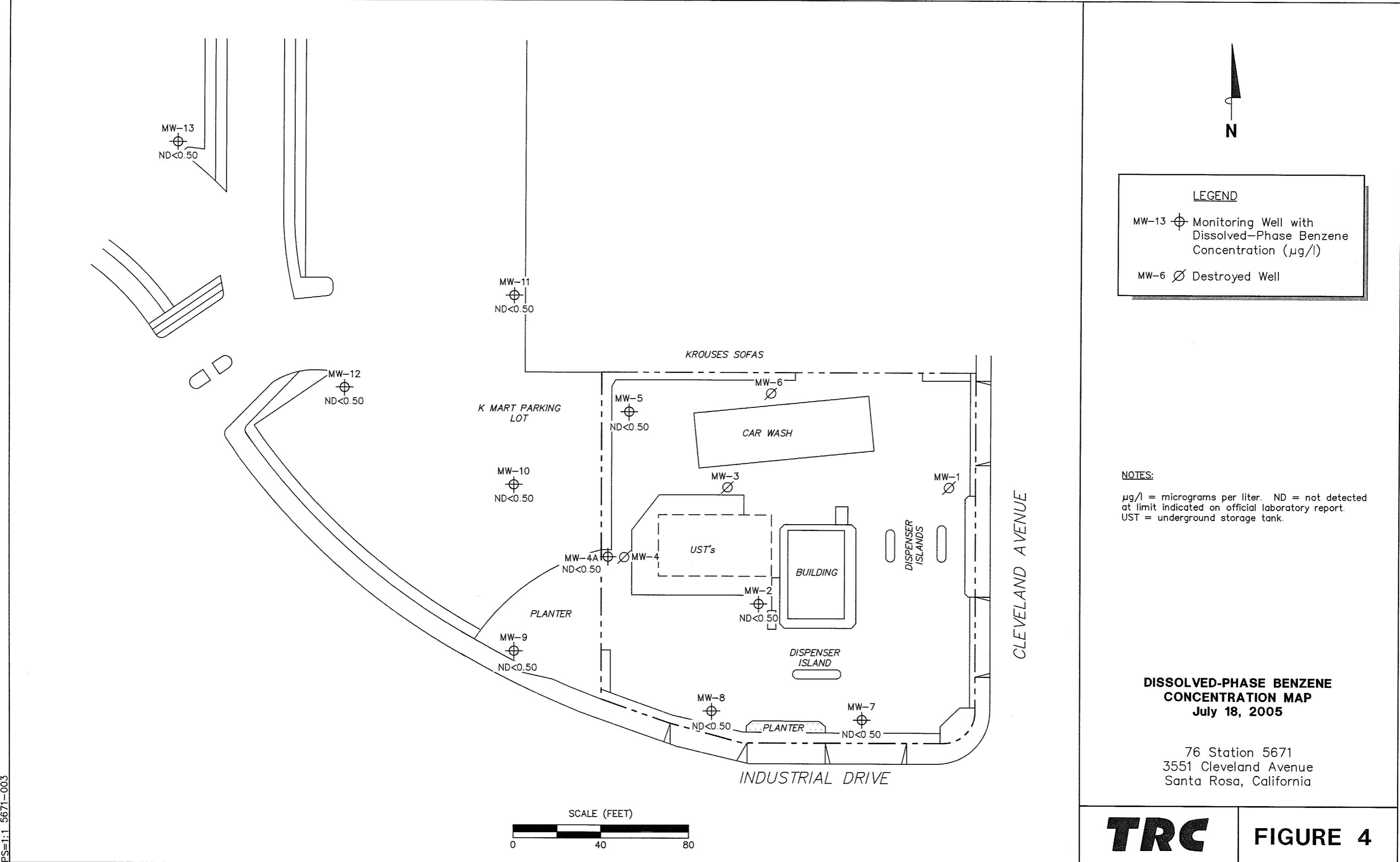
TPPH = total purgeable petroleum hydrocarbons.
 $\mu\text{g/l}$ = micrograms per liter. ND = not detected at limit indicated on official laboratory report.
 UST = underground storage tank. Results obtained using EPA Method 8260B.

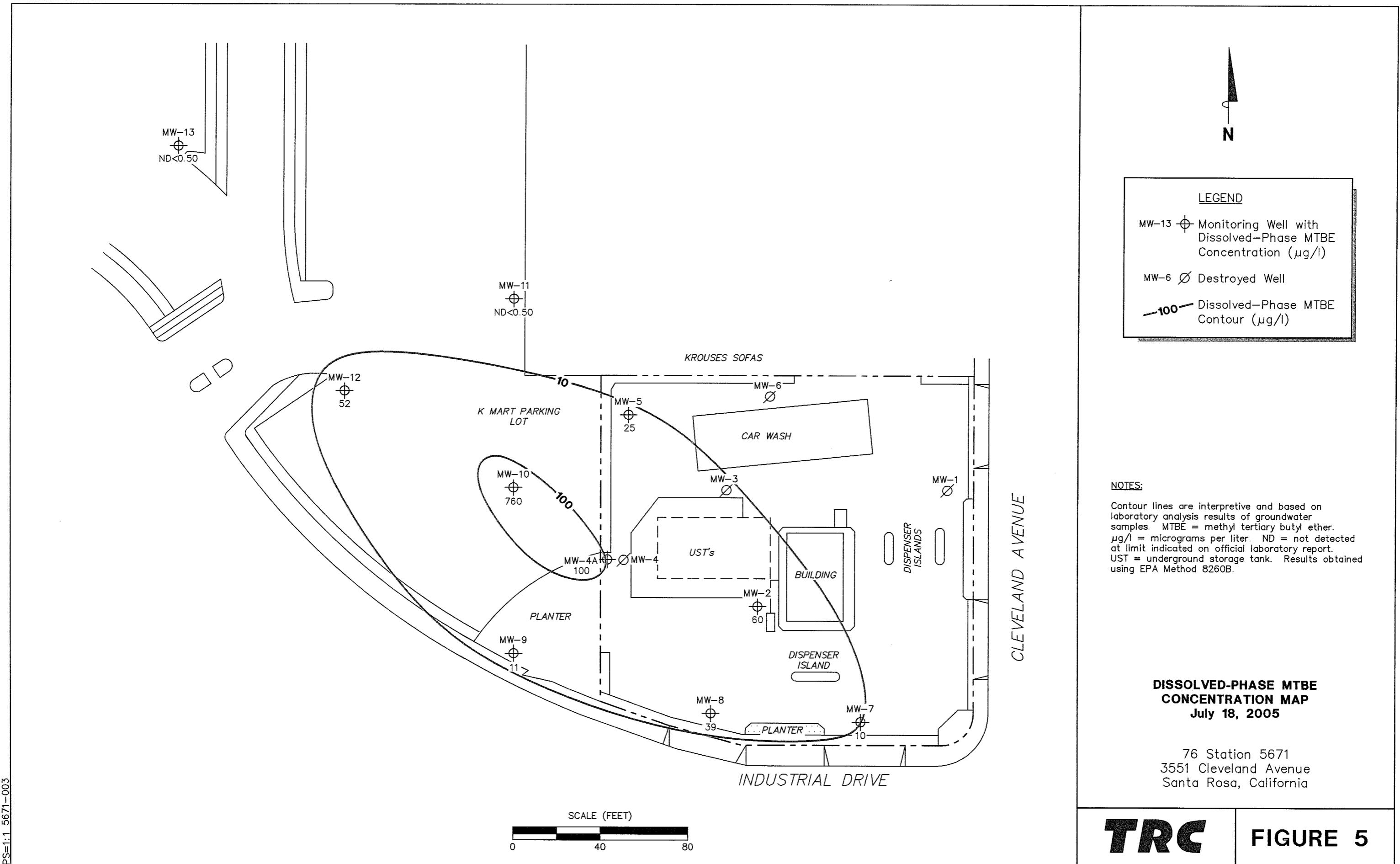
DISSOLVED-PHASE TPPH CONCENTRATION MAP
July 18, 2005

76 Station 5671
 3551 Cleveland Avenue
 Santa Rosa, California

TRC

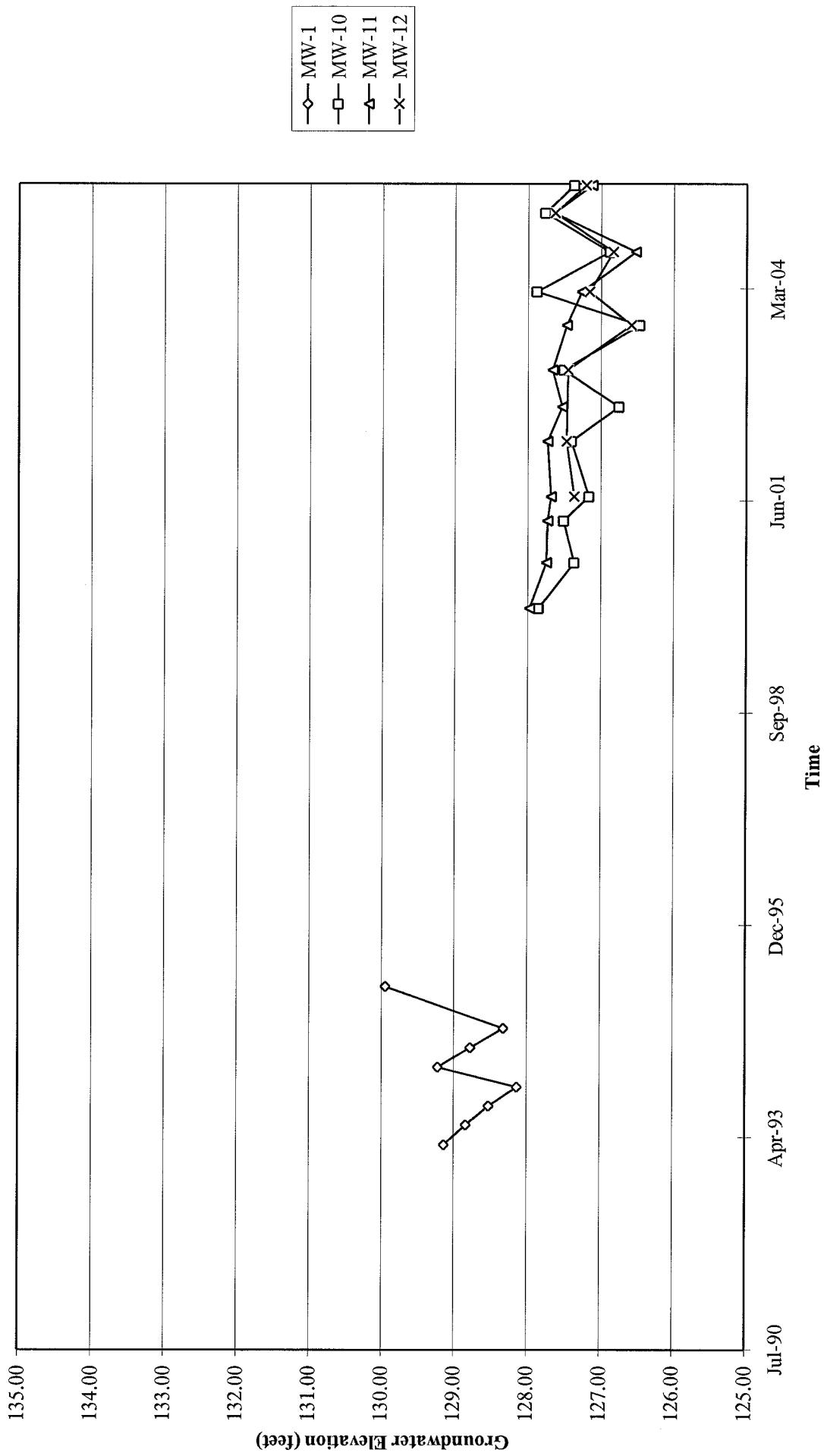
FIGURE 3



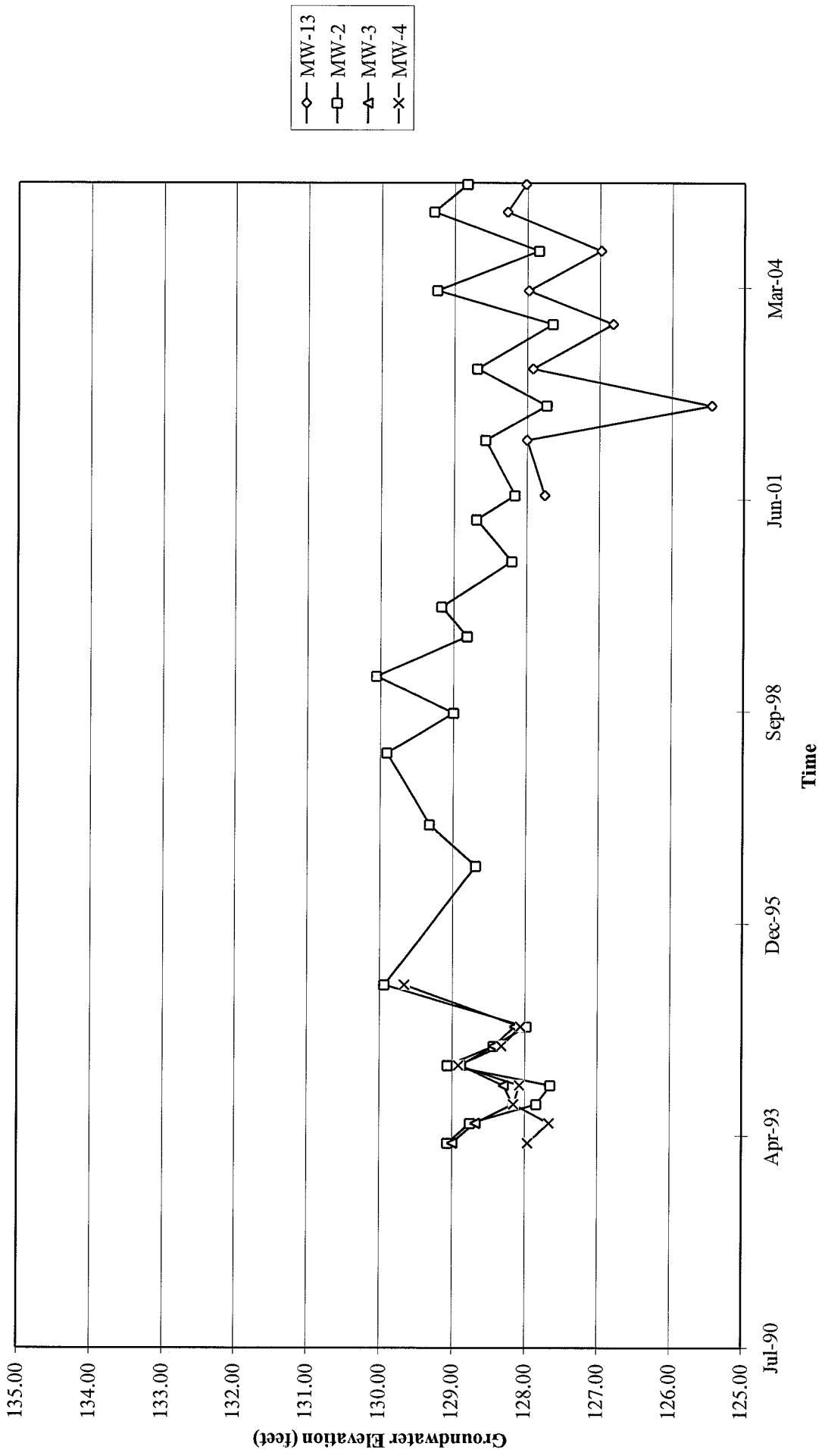


GRAPHS

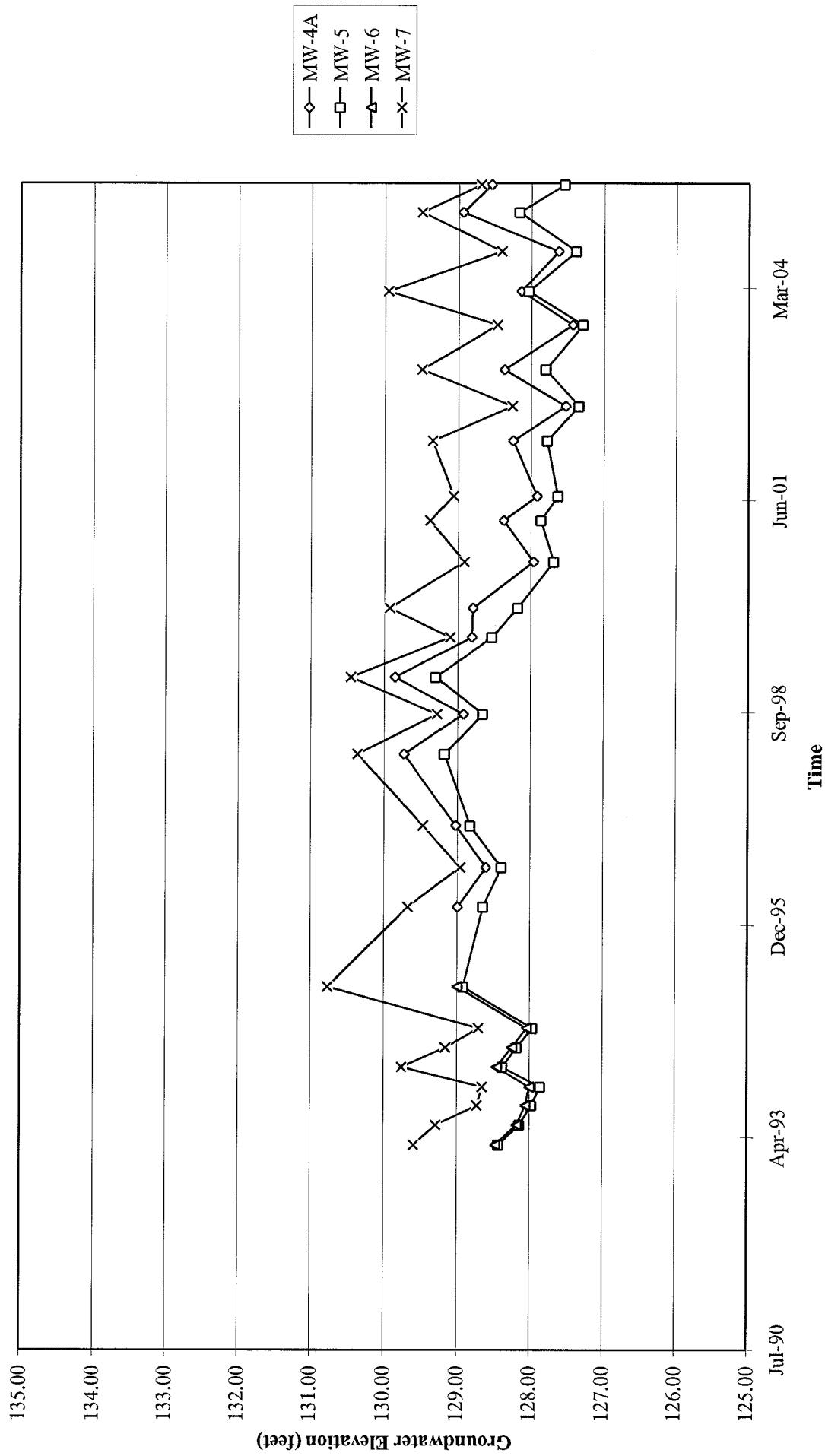
Groundwater Elevations vs. Time
76 Station 5671



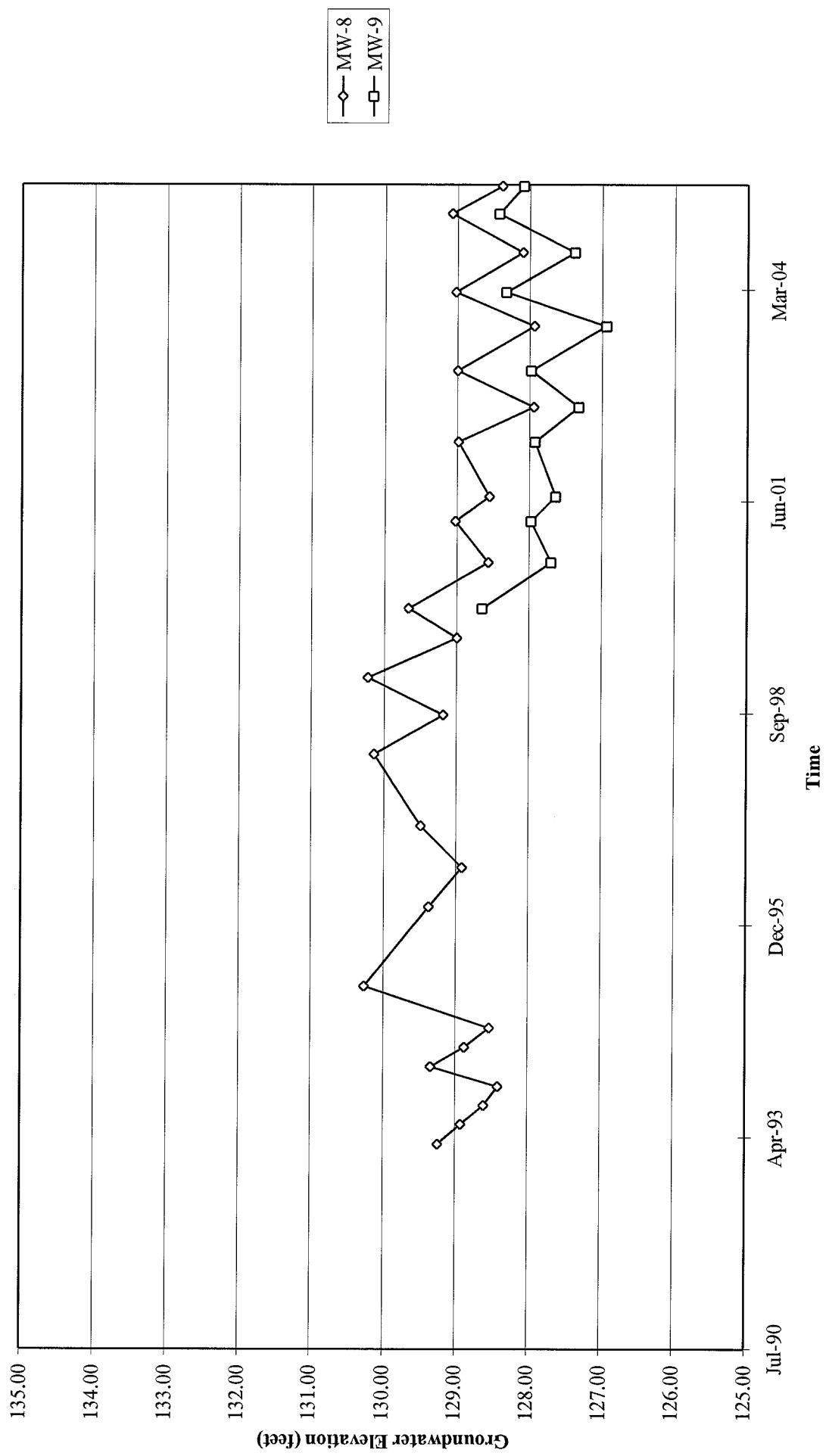
Groundwater Elevations vs. Time
76 Station 5671



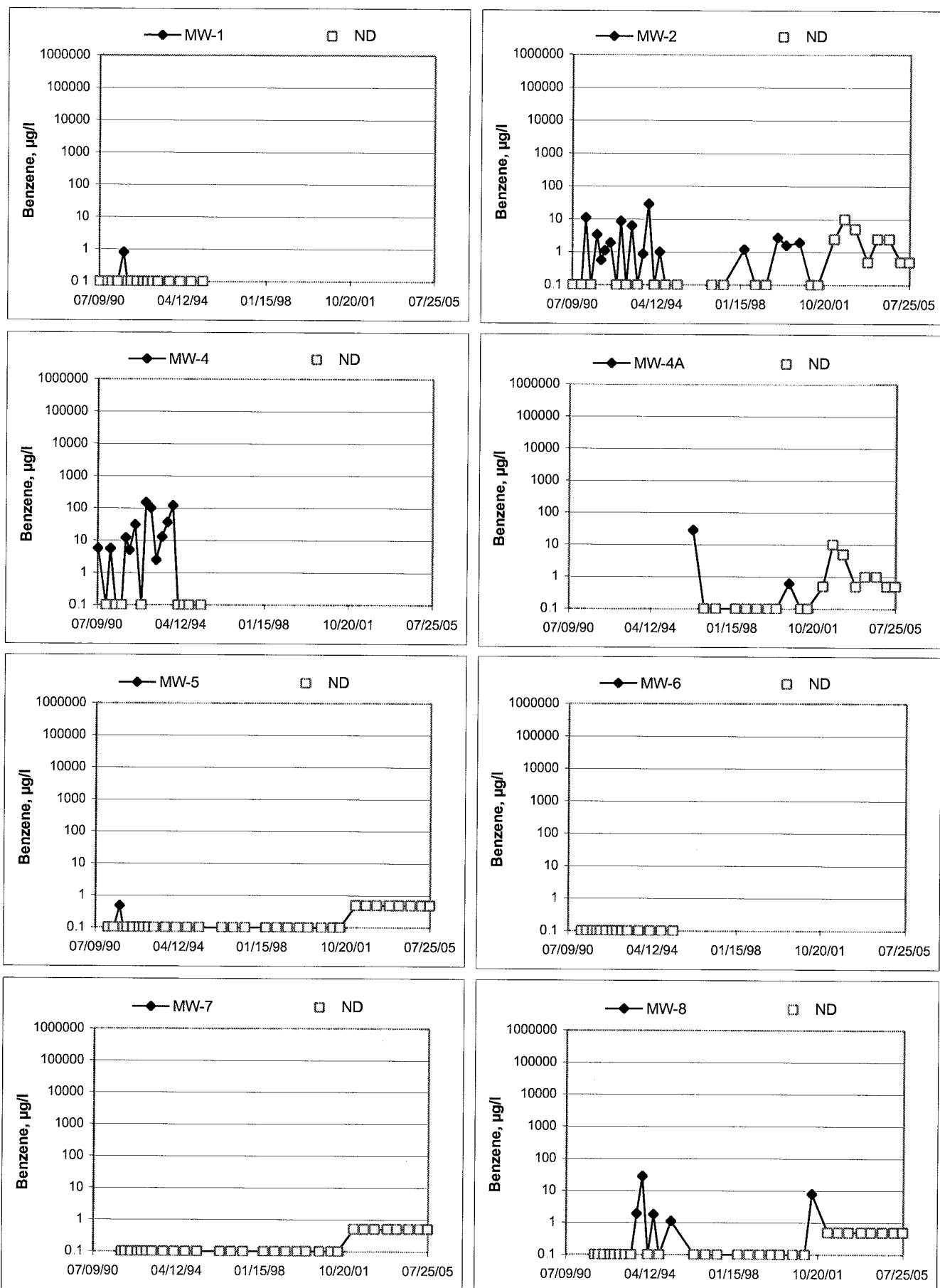
Groundwater Elevations vs. Time
76 Station 5671



Groundwater Elevations vs. Time
76 Station 5671

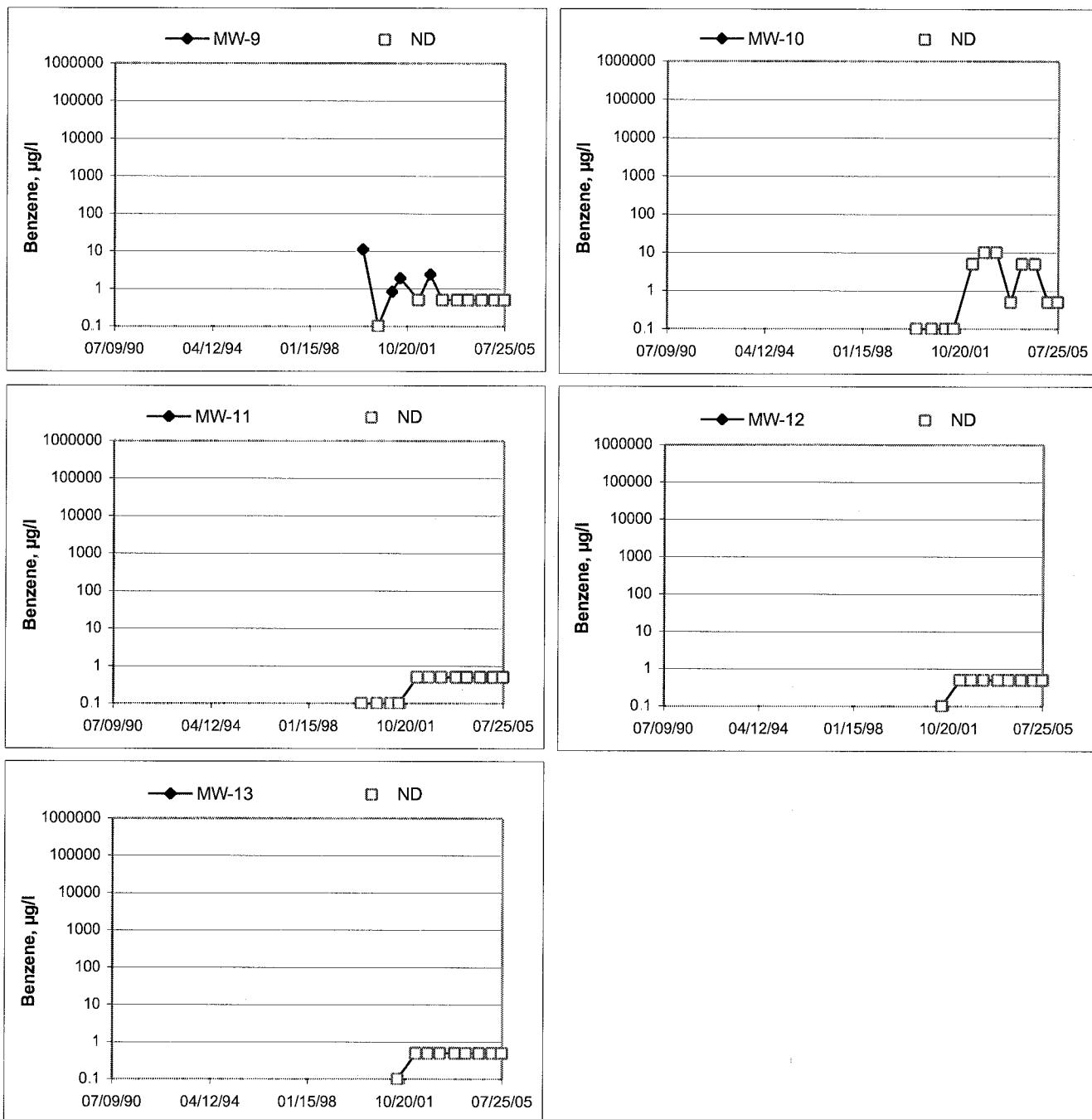


Benzene Concentrations vs Time
76 Station 5671



Benzene Concentrations vs Time

76 Station 5671



GENERAL FIELD PROCEDURES

Groundwater Monitoring and Sampling Assignments

For each site, TRC technicians are provided with a Technical Service Request (TSR) that specifies activities required to complete the groundwater monitoring and sampling assignment for the site. TSRs are based on client directives, instructions from the primary environmental consultant for the site, regulatory requirements, and TRC's previous experience with the site.

Fluid Level Measurements

Initial site activities include determination of well locations based on a site map provided with the TSR. Well boxes are opened and caps are removed. Indications of well or well box damage or of pressure buildup in the well are noted.

Fluid levels in each well are measured using a coated cloth tape equipped with an electronic interface probe, which distinguishes between liquid phase hydrocarbon (LPH) and water. The depth to LPH (if it is present), to water, and to the bottom of the well are measured from the top of the well casing (surveyors mark or notch if present) to the nearest 0.01 foot. Unless otherwise instructed, a well with less than 0.67 foot between the measured top of water and the measured bottom of the well casing is considered dry, and is not sampled. If the well contains 0.67 foot or more of water, an attempt is made to bail and/or sample as specified on the TSR.

Wells that are found to contain LPH are not purged or sampled. Instead, one casing volume of fluid is bailed from the well and the well is re-sealed. Bailed fluids are placed in a container separate from normal purge water, and properly disposed.

Purging and Groundwater Parameter Measurement

TSR instructions may specify that a well not be purged (no-purge sampling), be purged using low-flow methods, or be purged using conventional pump and/or bail methods. Conventional purging generally consists of pumping or bailing until a minimum of three casing volumes of water have been removed or until the well has been pumped dry. Pumping is generally accomplished using submersible electric or pneumatic diaphragm pumps.

During conventional purging, three groundwater parameters (temperature, pH, and conductivity) are measured after removal of each casing volume. Stabilization of these parameters, to within 10 percent, confirm that sufficient purging has been completed. In some cases, the TSR indicates that other parameters are also to be measured during purging. TRC commonly measures dissolved oxygen (DO), oxidation-reduction potential (ORP), and/or turbidity. Instruments used for groundwater parameter measurements are calibrated daily according to manufacturer's instructions.

Low-flow purging utilizes a bladder or peristaltic pump to remove water from the well at a low rate. Groundwater parameters specified by the TSR are measured continuously until they become stable in general accordance with EPA guidelines.

Purge water is generally collected in labeled drums for disposal. Drums may be left on site for disposal by others, or transported to a collection location for eventual transfer to a licensed treatment or recycling facility. In some cases, purge water may be collected directly from the site by a licensed vacuum truck company, or may be treated on site by an active remediation system, if so directed.

Groundwater Sample Collection

After wells are purged, or not purged, according to TSR instructions, samples are collected for laboratory analysis. For wells that have been purged using conventional pump or bail methods, sampling is conducted after the well has recovered to 80 percent of its original volume or after two hours if the well does not recover to at least 80 percent. If there is insufficient recharge of water in the well after two hours, the well is not sampled.

Samples are collected by lowering a new, disposable, ½-inch to 4-inch polyethylene bottom-fill bailer to just below the water level in the well. The bailer is retrieved and the water sample is carefully transferred to containers specified for the laboratory analytical methods indicated by the TSR. Particular care is given to containers for volatile organic analysis (VOAs) which require filling to zero headspace and fitting with Teflon-sealed caps.

After filling, all containers are labeled with project number (or site number), well designation, sample date, sample time, and the sampler's initials, and placed in an insulated chest with ice. Samples remain chilled prior to and during transport to a state-certified laboratory for analysis. Sample container descriptions and requested analyses are entered onto a chain-of-custody form in order to provide instructions to the laboratory. The chain-of-custody form accompanies the samples during transportation to provide a continuous record of possession from the field to the laboratory. If a freight or overnight carrier transports the samples, the carrier is noted on the form.

For wells that have been purged using low-flow methods, sample containers are filled from the effluent stream of the bladder or peristaltic pump. In some cases, if so specified by the TSR, samples are taken from the sample ports of actively pumping remediation wells.

Sequence of Gauging, Purging and Sampling

The sequence in which monitoring activities are conducted are specified on the TSR. In general, wells are gauged beginning with the least affected well and ending with the well that has the highest concentration based on previous analytic results. After all gauging for the site is completed, wells are purged and/or sampled from the least-affected to the most-affected well.

Decontamination

In order to reduce the possibility of cross contamination between wells, strict isolation and decontamination procedures are observed. Portable pumps are not used in wells with LPH. Technicians wear nitrile gloves during all gauging, purging and sampling activities. Gloves are changed between wells and more often if warranted. Any equipment that could come in contact with fluids are either dedicated to a particular wells, decontaminated prior to each use, or discarded after a single use. Decontamination consists of washing in a solution of Liqui-nox and water and rinsing twice. The final rinse is in deionized water.

Exceptions

Additional tasks or non-standard procedures, if any, that may be requested or required for a particular site, and noted on the site TSR, are documented in field notes on the following pages.

FIELD MONITORING DATA SHEET

Technician: *ALEX*

Job #/Task #: 40050001 / FA20

Date: 07-18-05

Site # 5671

Project Manager ROGER PATRA

Page 1 of 1

GROUNDWATER SAMPLING FIELD NOTES

Site: 5671

Technician: Auzx

Project No.: 410200

Date: 07-18-05

Well No.: *m-11*

Purge Method pin

Depth to Water (feet): 575

Depth to Product (feet):

Total Depth (feet): 18-95

LPH & Water Recovered (gallons): 2

Water Column (feet): 13-20

Casing Diameter (Inches): 2"

Water column (sec) _____
sec. Barlow Depth (feet) 839

1 Well Volume (gallons):

Well No.: MW-13

Purge Method: Blow

Depth to Water (feet): 6.21

Depth to Product (feet): _____

Total Depth (feet): 19.19

LPH & Water Recovered (gallons):

Water Column (feet): 15.98

Casing Diameter (Inches): 2 1/4

GROUNDWATER SAMPLING FIELD NOTES

Site: 5671

Technician: ALEX

Project No.: 418809

Date: 07-18-05

Well No.: MW-5

Purge Method: P&A

Depth to Water (feet): 5-74

Depth to Product (feet): _____

Total Depth (feet): 19.15

LPH & Water Recovered (gallons): 62

Water Column (feet): 13.41

Casing Diameter (Inches): 2"

80% Roachma Depth (feet): 342

1 Well Volume (gallons): 2

Well No.: Mer-7

Purge Method: LIA

Depth to Water (feet): 5.20

Depth to Product (feet): _____

Total Depth (feet): 19.74

LPH & Water Recovered (gallons): _____

Water Column (feet): 14.56

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 8.11

1 Well Volume (gallons): 2

GROUNDWATER SAMPLING FIELD NOTES

Site: 5071

Technician: Alex

Project No.: 41050001

Date: 07-18-05

Well No.: MW-9

Purge Method: _____

21

Depth to Water (feet): 4.48

Depth to Product (feet): _____

18-21

LPH & Water Recovered (gallons): _____

Water Column (feet): 14-33

Casing Diameter (Inches): 3"

Water column (feet) _____
Date _____ Depth (feet) 7.34

1 Well Volume (gallons): 2

Well No.: MK-12

Purge Method: DA

Depth to Water (feet): 5.18

Depth to Product (feet): _____ 6

Total Depth (feet): 18-79

LPH & Water Recovered (gallons): 2

Water Column (feet): 13.61

Casing Diameter (Inches): 2"

GROUNDWATER SAMPLING FIELD NOTES

Site: 5671

Technician: Aux

Date: 07-18-05

Well No.: Mw-8

Purge Method: DIA

Depth to Water (feet): 461

Depth to Product (feet): _____

Total Depth (feet): 19.91

LPH & Water Recovered (gallons) _____

Water Column (feet): 15-30

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 7-47

1 Well Volume (gallons):

Well No.: mu - 2

Purge Method: 274

Depth to Water (feet): 5-75

Depth to Product (feet): _____

Total Depth (feet): 17.82

LPH & Water Recovered (gallons): 2

Water Column (feet): 12-07

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 2.16

1 Well Volume (gallons): 2

GROUNDWATER SAMPLING FIELD NOTES

Site: 5671

Technician: Aux

Project No.: 41250001

Date: 07-18-95

Well No.: MW-4A

Purge Method. D1

Depth to Water (feet): 4.97

Depth to Product (feet): 2

Total Depth (feet): 19.86

LPH & Water Recovered (gallons): 2

Water Column (feet): 14-89

Casing Diameter (Inches):

80% Becham Depth (feet): 7.94

1 Well Volume (gallons): _____

Well No.: MW-10

Purge Method: ATA

Depth to Water (feet): 4.68

Depth to Product (feet): _____

Total Depth (feet): 18-98

LPH & Water Recovered (gallons): _____

Water Column (feet): 14-36

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 7.54

1 Well Volume (gallons): 2

TRC Alton Geoscience- Irvine

August 05, 2005

21 Technology Drive
Irvine, CA 92718

Attn.: Anju Farfan

Project#: 41050001FA20

Project: Conoco Phillips # 5671

Site: 3551 Cleveland Ave. Santa Rosa

Attached is our report for your samples received on 07/19/2005 15:50

This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 09/02/2005 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.

You can also contact me via email. My email address is: dsharma@stl-inc.com

Sincerely,



Dimple Sharma
Project Manager

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 5671

Received: 07/19/2005 15:50

Site: 3551 Cleveland Ave. Santa Rosa

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-11	07/18/2005 08:54	Water	1
MW-13	07/18/2005 09:15	Water	2
MW-5	07/18/2005 10:05	Water	3
MW-7	07/18/2005 10:23	Water	4
MW-9	07/18/2005 10:45	Water	5
MW-12	07/18/2005 11:03	Water	6
MW-8	07/18/2005 11:25	Water	7
MW-2	07/18/2005 09:44	Water	8
MW-4A	07/18/2005 11:48	Water	9
MW-10	07/18/2005 12:11	Water	10

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 5671

Received: 07/19/2005 15:50

Site: 3551 Cleveland Ave. Santa Rosa

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW-11	Lab ID:	2005-07-0533 - 1
Sampled:	07/18/2005 08:54	Extracted:	7/26/2005 22:46
Matrix:	Water	QC Batch#:	2005/07/26-1A.68
pH:	<2		

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	1.00	07/26/2005 22:46	
Benzene	ND	0.50	ug/L	1.00	07/26/2005 22:46	
Toluene	ND	0.50	ug/L	1.00	07/26/2005 22:46	
Ethylbenzene	ND	0.50	ug/L	1.00	07/26/2005 22:46	
Total xylenes	ND	1.0	ug/L	1.00	07/26/2005 22:46	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	07/26/2005 22:46	
Surrogate(s)						
1,2-Dichloroethane-d4	100.8	73-130	%	1.00	07/26/2005 22:46	
Toluene-d8	103.8	81-114	%	1.00	07/26/2005 22:46	

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 5671

Received: 07/19/2005 15:50

Site: 3551 Cleveland Ave. Santa Rosa

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW-13	Lab ID:	2005-07-0533 - 2
Sampled:	07/18/2005 09:15	Extracted:	7/26/2005 23:12
Matrix:	Water	QC Batch#:	2005/07/26-1A.68
pH:	<2		

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	1.00	07/26/2005 23:12	
Benzene	ND	0.50	ug/L	1.00	07/26/2005 23:12	
Toluene	ND	0.50	ug/L	1.00	07/26/2005 23:12	
Ethylbenzene	ND	0.50	ug/L	1.00	07/26/2005 23:12	
Total xylenes	ND	1.0	ug/L	1.00	07/26/2005 23:12	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	07/26/2005 23:12	
Surrogate(s)						
1,2-Dichloroethane-d4	106.2	73-130	%	1.00	07/26/2005 23:12	
Toluene-d8	103.4	81-114	%	1.00	07/26/2005 23:12	

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 5671

Received: 07/19/2005 15:50

Site: 3551 Cleveland Ave. Santa Rosa

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW-5	Lab ID:	2005-07-0533 - 3
Sampled:	07/18/2005 10:05	Extracted:	7/26/2005 23:38
Matrix:	Water	QC Batch#:	2005/07/26-1A.68
pH:	<2		

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	1.00	07/26/2005 23:38	
Benzene	ND	0.50	ug/L	1.00	07/26/2005 23:38	
Toluene	ND	0.50	ug/L	1.00	07/26/2005 23:38	
Ethylbenzene	ND	0.50	ug/L	1.00	07/26/2005 23:38	
Total xylenes	ND	1.0	ug/L	1.00	07/26/2005 23:38	
Methyl tert-butyl ether (MTBE)	25	0.50	ug/L	1.00	07/26/2005 23:38	
Surrogate(s)						
1,2-Dichloroethane-d4	102.2	73-130	%	1.00	07/26/2005 23:38	
Toluene-d8	103.0	81-114	%	1.00	07/26/2005 23:38	

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 5671

Received: 07/19/2005 15:50

Site: 3551 Cleveland Ave. Santa Rosa

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW-7	Lab ID:	2005-07-0533 - 4
Sampled:	07/18/2005 10:23	Extracted:	7/27/2005 00:04
Matrix:	Water	QC Batch#:	2005/07/26-1A.68
pH:	<2		

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	1.00	07/27/2005 00:04	
Benzene	ND	0.50	ug/L	1.00	07/27/2005 00:04	
Toluene	ND	0.50	ug/L	1.00	07/27/2005 00:04	
Ethylbenzene	ND	0.50	ug/L	1.00	07/27/2005 00:04	
Total xylenes	ND	1.0	ug/L	1.00	07/27/2005 00:04	
Methyl tert-butyl ether (MTBE)	10	0.50	ug/L	1.00	07/27/2005 00:04	
Surrogate(s)						
1,2-Dichloroethane-d4	99.6	73-130	%	1.00	07/27/2005 00:04	
Toluene-d8	108.8	81-114	%	1.00	07/27/2005 00:04	

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine

Attn : Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 5671

Received: 07/19/2005 15:50

Site: 3551 Cleveland Ave. Santa Rosa

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW-9	Lab ID:	2005-07-0533 - 5
Sampled:	07/18/2005 10:45	Extracted:	7/27/2005 00:30
Matrix:	Water	QC Batch#:	2005/07/26-1A.68
pH:	<2		

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	1.00	07/27/2005 00:30	
Benzene	ND	0.50	ug/L	1.00	07/27/2005 00:30	
Toluene	ND	0.50	ug/L	1.00	07/27/2005 00:30	
Ethylbenzene	ND	0.50	ug/L	1.00	07/27/2005 00:30	
Total xylenes	ND	1.0	ug/L	1.00	07/27/2005 00:30	
Methyl tert-butyl ether (MTBE)	11	0.50	ug/L	1.00	07/27/2005 00:30	
Surrogate(s)						
1,2-Dichloroethane-d4	109.9	73-130	%	1.00	07/27/2005 00:30	
Toluene-d8	100.5	81-114	%	1.00	07/27/2005 00:30	

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 5671

Received: 07/19/2005 15:50

Site: 3551 Cleveland Ave. Santa Rosa

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW-12	Lab ID:	2005-07-0533 - 6
Sampled:	07/18/2005 11:03	Extracted:	7/27/2005 00:56
Matrix:	Water	QC Batch#:	2005/07/26-1A.68
pH:	<2		

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	1.00	07/27/2005 00:56	
Benzene	ND	0.50	ug/L	1.00	07/27/2005 00:56	
Toluene	ND	0.50	ug/L	1.00	07/27/2005 00:56	
Ethylbenzene	ND	0.50	ug/L	1.00	07/27/2005 00:56	
Total xylenes	ND	1.0	ug/L	1.00	07/27/2005 00:56	
Methyl tert-butyl ether (MTBE)	52	0.50	ug/L	1.00	07/27/2005 00:56	
Surrogate(s)						
1,2-Dichloroethane-d4	106.1	73-130	%	1.00	07/27/2005 00:56	
Toluene-d8	103.5	81-114	%	1.00	07/27/2005 00:56	

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 5671

Received: 07/19/2005 15:50

Site: 3551 Cleveland Ave. Santa Rosa

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW-8	Lab ID:	2005-07-0533 - 7
Sampled:	07/18/2005 11:25	Extracted:	7/27/2005 01:22
Matrix:	Water	QC Batch#:	2005/07/26-1A.68
pH:	<2		

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	1.00	07/27/2005 01:22	
Benzene	ND	0.50	ug/L	1.00	07/27/2005 01:22	
Toluene	ND	0.50	ug/L	1.00	07/27/2005 01:22	
Ethylbenzene	ND	0.50	ug/L	1.00	07/27/2005 01:22	
Total xylenes	ND	1.0	ug/L	1.00	07/27/2005 01:22	
Methyl tert-butyl ether (MTBE)	39	0.50	ug/L	1.00	07/27/2005 01:22	
Surrogate(s)						
1,2-Dichloroethane-d4	106.3	73-130	%	1.00	07/27/2005 01:22	
Toluene-d8	100.9	81-114	%	1.00	07/27/2005 01:22	

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 5671

Received: 07/19/2005 15:50

Site: 3551 Cleveland Ave. Santa Rosa

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW-2	Lab ID:	2005-07-0533 - 8
Sampled:	07/18/2005 09:44	Extracted:	7/27/2005 16:12
Matrix:	Water	QC Batch#:	2005/07/27-1B.68
pH:	<2		

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	1.00	07/27/2005 16:12	
Benzene	ND	0.50	ug/L	1.00	07/27/2005 16:12	
Toluene	ND	0.50	ug/L	1.00	07/27/2005 16:12	
Ethylbenzene	ND	0.50	ug/L	1.00	07/27/2005 16:12	
Total xylenes	ND	1.0	ug/L	1.00	07/27/2005 16:12	
Methyl tert-butyl ether (MTBE)	60	0.50	ug/L	1.00	07/27/2005 16:12	
Surrogate(s)						
1,2-Dichloroethane-d4	103.7	73-130	%	1.00	07/27/2005 16:12	
Toluene-d8	106.4	81-114	%	1.00	07/27/2005 16:12	

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 5671

Received: 07/19/2005 15:50

Site: 3551 Cleveland Ave. Santa Rosa

Prep(s):

5030B

Test(s):

8260B

Sample ID: **MW-4A**

Lab ID:

2005-07-0533 - 9

Sampled: 07/18/2005 11:48

Extracted:

7/28/2005 21:42

Matrix: Water

QC Batch#: 2005/07/28-2B.64

pH: <2

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	1.00	07/28/2005 21:42	
Benzene	ND	0.50	ug/L	1.00	07/28/2005 21:42	
Toluene	0.84	0.50	ug/L	1.00	07/28/2005 21:42	
Ethylbenzene	ND	0.50	ug/L	1.00	07/28/2005 21:42	
Total xylenes	1.3	1.0	ug/L	1.00	07/28/2005 21:42	
Methyl tert-butyl ether (MTBE)	100	0.50	ug/L	1.00	07/28/2005 21:42	
Surrogate(s)						
1,2-Dichloroethane-d4	122.7	73-130	%	1.00	07/28/2005 21:42	
Toluene-d8	89.9	81-114	%	1.00	07/28/2005 21:42	

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 5671

Received: 07/19/2005 15:50

Site: 3551 Cleveland Ave. Santa Rosa

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW-10	Lab ID:	2005-07-0533 - 10
Sampled:	07/18/2005 12:11	Extracted:	7/27/2005 02:14 7/29/2005 21:22
Matrix:	Water	QC Batch#:	2005/07/26-1A.68 2005/07/29-2A.64
pH:	<2		

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	1.00	07/27/2005 02:14	
Benzene	ND	0.50	ug/L	1.00	07/27/2005 02:14	
Toluene	ND	0.50	ug/L	1.00	07/27/2005 02:14	
Ethylbenzene	ND	0.50	ug/L	1.00	07/27/2005 02:14	
Total xylenes	ND	1.0	ug/L	1.00	07/27/2005 02:14	
Methyl tert-butyl ether (MTBE)	760	2.5	ug/L	5.00	07/29/2005 21:22	
Surrogate(s)						
1,2-Dichloroethane-d4	101.5	73-130	%	1.00	07/27/2005 02:14	
1,2-Dichloroethane-d4	137.7	73-130	%	5.00	07/29/2005 21:22	S5
Toluene-d8	106.4	81-114	%	1.00	07/27/2005 02:14	
Toluene-d8	87.9	81-114	%	5.00	07/29/2005 21:22	

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 5671

Received: 07/19/2005 15:50

Site: 3551 Cleveland Ave. Santa Rosa

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Method Blank

Water

QC Batch # 2005/07/26-1A.68

MB: 2005/07/26-1A.68-002

Date Extracted: 07/26/2005 21:02

Compound	Conc.	RL	Unit	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	07/26/2005 21:02	
Benzene	ND	0.5	ug/L	07/26/2005 21:02	
Toluene	ND	0.5	ug/L	07/26/2005 21:02	
Ethylbenzene	ND	0.5	ug/L	07/26/2005 21:02	
Total xylenes	ND	1.0	ug/L	07/26/2005 21:02	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	07/26/2005 21:02	
Surrogates(s)					
1,2-Dichloroethane-d4	102.4	73-130	%	07/26/2005 21:02	
Toluene-d8	98.8	81-114	%	07/26/2005 21:02	

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 5671

Received: 07/19/2005 15:50

Site: 3551 Cleveland Ave. Santa Rosa

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Method Blank**Water****QC Batch # 2005/07/27-1B.68**

MB: 2005/07/27-1B.68-002

Date Extracted: 07/27/2005 10:02

Compound	Conc.	RL	Unit	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	07/27/2005 10:02	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	07/27/2005 10:02	
Benzene	ND	0.5	ug/L	07/27/2005 10:02	
Toluene	ND	0.5	ug/L	07/27/2005 10:02	
Ethylbenzene	ND	0.5	ug/L	07/27/2005 10:02	
Total xylenes	ND	1.0	ug/L	07/27/2005 10:02	
Surrogates(s)					
1,2-Dichloroethane-d4	107.2	73-130	%	07/27/2005 10:02	
Toluene-d8	100.8	81-114	%	07/27/2005 10:02	

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 5671

Received: 07/19/2005 15:50

Site: 3551 Cleveland Ave. Santa Rosa

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Method Blank

Water

QC Batch # 2005/07/28-2B.64

MB: 2005/07/28-2B.64-051

Date Extracted: 07/28/2005 20:51

Compound	Conc.	RL	Unit	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	07/28/2005 20:51	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	07/28/2005 20:51	
Benzene	ND	0.5	ug/L	07/28/2005 20:51	
Toluene	ND	0.5	ug/L	07/28/2005 20:51	
Ethylbenzene	ND	0.5	ug/L	07/28/2005 20:51	
Total xylenes	ND	1.0	ug/L	07/28/2005 20:51	
Surrogates(s)					
1,2-Dichloroethane-d4	111.3	73-130	%	07/28/2005 20:51	
Toluene-d8	89.8	81-114	%	07/28/2005 20:51	

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 5671

Received: 07/19/2005 15:50

Site: 3551 Cleveland Ave. Santa Rosa

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Method Blank

Water

QC Batch # 2005/07/29-2A.64

MB: 2005/07/29-2A.64-043

Date Extracted: 07/29/2005 18:43

Compound	Conc.	RL	Unit	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	07/29/2005 18:43	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	07/29/2005 18:43	
Benzene	ND	0.5	ug/L	07/29/2005 18:43	
Toluene	ND	0.5	ug/L	07/29/2005 18:43	
Ethylbenzene	ND	0.5	ug/L	07/29/2005 18:43	
Total xylenes	ND	1.0	ug/L	07/29/2005 18:43	
Surrogates(s)					
1,2-Dichloroethane-d4	103.8	73-130	%	07/29/2005 18:43	
Toluene-d8	85.4	81-114	%	07/29/2005 18:43	

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 5671

Received: 07/19/2005 15:50

Site: 3551 Cleveland Ave. Santa Rosa

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike**Water****QC Batch # 2005/07/26-1A.68**LCS 2005/07/26-1A.68-036
LCSD

Extracted: 07/26/2005

Analyzed: 07/26/2005 20:36

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags		
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	23.1		25	92.4			65-165	20			
Benzene	25.8		25	103.2			69-129	20			
Toluene	26.6		25	106.4			70-130	20			
Surrogates(s)											
1,2-Dichloroethane-d4	414		500	82.8			73-130				
Toluene-d8	516		500	103.2			81-114				

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 5671

Received: 07/19/2005 15:50

Site: 3551 Cleveland Ave. Santa Rosa

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike**Water****QC Batch # 2005/07/27-1B.68**LCS 2005/07/27-1B.68-036
LCSD

Extracted: 07/27/2005

Analyzed: 07/27/2005 09:36

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	25.2		25	100.8			65-165	20		
Benzene	23.7		25	94.8			69-129	20		
Toluene	26.1		25	104.4			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	425		500	85.0			73-130			
Toluene-d8	505		500	101.0			81-114			

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 5671

Received: 07/19/2005 15:50

Site: 3551 Cleveland Ave. Santa Rosa

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike**Water****QC Batch # 2005/07/28-2B.64**

LCS 2005/07/28-2B.64-019
LCSD 2005/07/28-2B.64-005

Extracted: 07/28/2005
Extracted: 07/28/2005

Analyzed: 07/28/2005 18:19
Analyzed: 07/28/2005 19:05

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	53.9	52.5	50	107.8	105.0	2.6	65-165	20		
Benzene	44.6	42.7	50	89.2	85.4	4.4	69-129	20		
Toluene	51.3	47.8	50	102.6	95.6	7.1	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	468	462	500	93.6	92.4		73-130			
Toluene-d8	422	407	500	84.4	81.4		81-114			

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 5671

Received: 07/19/2005 15:50

Site: 3551 Cleveland Ave. Santa Rosa

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike

Water

QC Batch # 2005/07/29-2A.64

LCS 2005/07/29-2A.64-017
LCSD

Extracted: 07/29/2005

Analyzed: 07/29/2005 18:17

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	27.2		25	108.8			65-165	20		
Benzene	24.7		25	98.8			69-129	20		
Toluene	28.8		25	115.2			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	506		500	101.2			73-130			
Toluene-d8	422		500	84.4			81-114			

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 5671

Received: 07/19/2005 15:50

Site: 3551 Cleveland Ave. Santa Rosa

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD)**Water****QC Batch # 2005/07/26-1A.68**

MW-4A >> MS

Lab ID: 2005-07-0533 - 009

MS: 2005/07/26-1A.68-054

Extracted: 07/26/2005

Analyzed: 07/26/2005 21:54

MSD: 2005/07/26-1A.68-020

Extracted: 07/26/2005

Dilution: 10.00

Analyzed: 07/26/2005 22:20

Dilution: 10.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample		ug/L	MS	MSD	RPD	Rec.	RPD	MS
Methyl tert-butyl ether	338	319	99.7	250	95.3	87.7	8.3	65-165	20		
Benzene	260	267	ND	250	104.0	106.8	2.7	69-129	20		
Toluene	256	262	ND	250	102.4	104.8	2.3	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	436	404		500	87.2	80.8		73-130			
Toluene-d8	524	537		500	104.8	107.4		81-114			

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 5671

Received: 07/19/2005 15:50

Site: 3551 Cleveland Ave. Santa Rosa

Batch QC Report

Prep(s): 5030B	Test(s): 8260B
Matrix Spike (MS / MSD)	
MS/MSD	Water
MS: 2005/07/27-1B.68-018	Extracted: 07/27/2005
MSD: 2005/07/27-1B.68-044	Extracted: 07/27/2005
QC Batch # 2005/07/27-1B.68	
	Lab ID: 2005-07-0679 - 001
	Analyzed: 07/27/2005 12:18
	Dilution: 2.00
	Analyzed: 07/27/2005 12:44
	Dilution: 2.00

Compound	Conc. ug/L			Spk.Level ug/L	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	109	143	71.042	50	75.9	143.9	61.9	65-165	20		R3
Benzene	55.7	54.1	9.878	50	91.6	88.4	3.6	69-129	20		
Toluene	49.7	54.0	2.738	50	93.9	102.5	8.8	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	403	482		500	80.6	96.4		73-130			
Toluene-d8	494	499		500	98.8	99.8		81-114			

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 5671

Received: 07/19/2005 15:50

Site: 3551 Cleveland Ave. Santa Rosa

Batch QC Report											
Prep(s): 5030B				Test(s): 8260B							
Matrix Spike (MS / MSD)				Water				QC Batch # 2005/07/28-2B.64			
MS/MSD	MS	MSD	Sample	Extracted:	07/28/2005	Lab ID:	2005-07-0472 - 004	Analyzed:	07/28/2005 23:23	Dilution:	1.00
MS: 2005/07/28-2B.64-023								Analyzed:	07/28/2005 23:48	Dilution:	1.00
MSD: 2005/07/28-2B.64-048				Extracted:	07/28/2005						

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample		ug/L	MS	MSD	RPD	Rec.	RPD	MS
Methyl tert-butyl ether	30.9	27.6	ND	25	123.6	110.4	11.3	65-165	20		
Benzene	27.5	26.9	ND	25	110.0	107.6	2.2	69-129	20		
Toluene	30.2	26.7	ND	25	120.8	106.8	12.3	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	574	561		500	114.8	112.2		73-130			
Toluene-d8	470	433		500	93.9	86.6		81-114			

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 5671

Received: 07/19/2005 15:50

Site: 3551 Cleveland Ave. Santa Rosa

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD)**Water****QC Batch # 2005/07/29-2A.64**

MS/MSD

Lab ID: 2005-07-0605 - 006

MS: 2005/07/29-2A.64-006

Extracted: 07/29/2005

Analyzed: 07/29/2005 20:06

MSD: 2005/07/29-2A.64-031

Extracted: 07/29/2005

Dilution: 1.00

Analyzed: 07/29/2005 20:31

Dilution: 1.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample		ug/L	MS	MSD	RPD	Rec.	RPD	MS
Methyl tert-butyl ether	28.4	26.0	ND	25	113.6	104.0	8.8	65-165	20		
Benzene	27.3	27.7	ND	25	109.2	110.8	1.5	69-129	20		
Toluene	30.0	29.5	ND	25	120.0	118.0	1.7	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	544	566		500	108.8	113.2		73-130			
Toluene-d8	434	456		500	86.8	91.2		81-114			

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 5671

Received: 07/19/2005 15:50

Site: 3551 Cleveland Ave. Santa Rosa

Legend and Notes

Result Flag

R3

RPD exceeds limits due to matrix interf.;% recovs. within limits.

S5

Surrogate recoveries higher than acceptance limits.
Matrix interference suspected

Diesel (C9-C24)

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 5671

Received: 07/19/2005 15:50

Site: 3551 Cleveland Ave. Santa Rosa

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-11	07/18/2005 08:54	Water	1
MW-13	07/18/2005 09:15	Water	2
MW-5	07/18/2005 10:05	Water	3
MW-7	07/18/2005 10:23	Water	4
MW-9	07/18/2005 10:45	Water	5
MW-12	07/18/2005 11:03	Water	6
MW-8	07/18/2005 11:25	Water	7
MW-2	07/18/2005 09:44	Water	8
MW-4A	07/18/2005 11:48	Water	9
MW-10	07/18/2005 12:11	Water	10

Diesel (C9-C24)

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 5671

Received: 07/19/2005 15:50

Site: 3551 Cleveland Ave. Santa Rosa

Prep(s):	3511	Test(s):	8015M
Sample ID:	MW-11	Lab ID:	2005-07-0533 - 1
Sampled:	07/18/2005 08:54	Extracted:	7/27/2005 12:08
Matrix:	Water	QC Batch#:	2005/07/27-04.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	07/29/2005 23:33	
Surrogate(s) o-Terphenyl	90.2	64-127	%	1.00	07/29/2005 23:33	

Diesel (C9-C24)

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 5671

Received: 07/19/2005 15:50

Site: 3551 Cleveland Ave. Santa Rosa

Prep(s):	3511	Test(s):	8015M
Sample ID:	MW-13	Lab ID:	2005-07-0533 - 2
Sampled:	07/18/2005 09:15	Extracted:	7/27/2005 12:08
Matrix:	Water	QC Batch#:	2005/07/27-04.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	07/29/2005 23:59	
Surrogate(s) o-Terphenyl	94.7	64-127	%	1.00	07/29/2005 23:59	

Diesel (C9-C24)

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 5671

Received: 07/19/2005 15:50

Site: 3551 Cleveland Ave. Santa Rosa

Prep(s): 3511

Test(s): 8015M

Sample ID: MW-5

Lab ID: 2005-07-0533 - 3

Sampled: 07/18/2005 10:05

Extracted: 7/27/2005 12:08

Matrix: Water

QC Batch#: 2005/07/27-04.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	07/30/2005 00:26	
Surrogate(s) o-Terphenyl	99.5	64-127	%	1.00	07/30/2005 00:26	

Diesel (C9-C24)

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 5671

Received: 07/19/2005 15:50

Site: 3551 Cleveland Ave. Santa Rosa

Prep(s): 3511

Test(s): 8015M

Sample ID: MW-7

Lab ID: 2005-07-0533 - 4

Sampled: 07/18/2005 10:23

Extracted: 7/27/2005 12:08

Matrix: Water

QC Batch#: 2005/07/27-04.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	07/30/2005 00:53	
Surrogate(s)						
o-Terphenyl	92.4	64-127	%	1.00	07/30/2005 00:53	

Diesel (C9-C24)

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 5671

Received: 07/19/2005 15:50

Site: 3551 Cleveland Ave. Santa Rosa

Prep(s):	3511	Test(s):	8015M
Sample ID:	MW-9	Lab ID:	2005-07-0533 - 5
Sampled:	07/18/2005 10:45	Extracted:	7/27/2005 12:08
Matrix:	Water	QC Batch#:	2005/07/27-04.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	07/30/2005 01:20	
Surrogate(s) o-Terphenyl	91.4	64-127	%	1.00	07/30/2005 01:20	

Diesel (C9-C24)

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 5671

Received: 07/19/2005 15:50

Site: 3551 Cleveland Ave. Santa Rosa

Prep(s): 3511
Sample ID: MW-12
Sampled: 07/18/2005 11:03
Matrix: Water

Test(s): 8015M
Lab ID: 2005-07-0533 - 6
Extracted: 7/27/2005 12:08
QC Batch#: 2005/07/27-04.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	07/30/2005 01:47	
Surrogate(s) o-Terphenyl	91.1	64-127	%	1.00	07/30/2005 01:47	

Diesel (C9-C24)

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 5671

Received: 07/19/2005 15:50

Site: 3551 Cleveland Ave. Santa Rosa

Prep(s):	3511	Test(s):	8015M
Sample ID:	MW-8	Lab ID:	2005-07-0533 - 7
Sampled:	07/18/2005 11:25	Extracted:	7/27/2005 12:08
Matrix:	Water	QC Batch#:	2005/07/27-04.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	07/30/2005 02:14	
Surrogate(s) o-Terphenyl	89.2	64-127	%	1.00	07/30/2005 02:14	

Diesel (C9-C24)

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 5671

Received: 07/19/2005 15:50

Site: 3551 Cleveland Ave. Santa Rosa

Prep(s): 3511
Sample ID: MW-2
Sampled: 07/18/2005 09:44
Matrix: Water

Test(s): 8015M
Lab ID: 2005-07-0533 - 8
Extracted: 7/27/2005 12:08
QC Batch#: 2005/07/27-04.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	120	50	ug/L	1.00	08/02/2005 01:04	Q2
Surrogate(s)						
o-Terphenyl	101.6	64-127	%	1.00	08/02/2005 01:04	

Diesel (C9-C24)

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 5671

Received: 07/19/2005 15:50

Site: 3551 Cleveland Ave. Santa Rosa

Prep(s):	3511	Test(s):	8015M
Sample ID:	MW-4A	Lab ID:	2005-07-0533 - 9
Sampled:	07/18/2005 11:48	Extracted:	7/27/2005 12:08
Matrix:	Water	QC Batch#:	2005/07/27-04.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	65	50	ug/L	1.00	08/02/2005 01:31	Q2
Surrogate(s) o-Terphenyl	105.1	64-127	%	1.00	08/02/2005 01:31	

Diesel (C9-C24)

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 5671

Received: 07/19/2005 15:50

Site: 3551 Cleveland Ave. Santa Rosa

Prep(s): 3511

Test(s): 8015M

Sample ID: MW-10

Lab ID: 2005-07-0533 - 10

Sampled: 07/18/2005 12:11

Extracted: 7/27/2005 12:08

Matrix: Water

QC Batch#: 2005/07/27-04.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	08/02/2005 01:58	
Surrogate(s) o-Terphenyl	102.9	64-127	%	1.00	08/02/2005 01:58	

Diesel (C9-C24)

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 5671

Received: 07/19/2005 15:50

Site: 3551 Cleveland Ave. Santa Rosa

Batch QC Report

Prep(s): 3511

Test(s): 8015M

Method Blank**Water****QC Batch # 2005/07/27-04.10**

MB: 2005/07/27-04.10-001

Date Extracted: 07/27/2005 12:08

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	50	ug/L	07/28/2005 15:39	
Surrogates(s) o-Terphenyl	95.4	78-177	%	07/28/2005 15:39	

Diesel (C9-C24)

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 5671

Received: 07/19/2005 15:50

Site: 3551 Cleveland Ave. Santa Rosa

Batch QC Report

Prep(s): 3511

Test(s): 8015M

Laboratory Control Spike**Water****QC Batch # 2005/07/27-04.10**

LCS 2005/07/27-04.10-002
LCSD 2005/07/27-04.10-003

Extracted: 07/27/2005
Extracted: 07/27/2005

Analyzed: 07/27/2005 15:12
Analyzed: 07/28/2005 14:44

Compound	Conc.	ug/L	Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Diesel	526	587	680	71.2	86.3	19.2	60-150	25		
Surrogates(s) o-Terphenyl	1.18	1.13	1.25	94.2	90.1		78-177	0		

Diesel (C9-C24)

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 5671

Received: 07/19/2005 15:50

Site: 3551 Cleveland Ave. Santa Rosa

Legend and Notes

Result Flag

Q2

Quantit. of unknown hydrocarbon(s) in sample based on diesel.

STL-San Francisco

Conoco Phillips Chain Of Custody Record

STATEMENTS

Purge Water Disposal

Non-hazardous groundwater produced during purging and sampling of monitoring was accumulated at TRC's groundwater monitoring facility at Concord, California, for transportation by Onyx Transportation, Inc., to the ConocoPhillips Refinery at Rodeo, California. Disposal at the Rodeo facility was authorized by ConocoPhillips in accordance with "ESD Standard Operating Procedures – Water Quality and Compliance", as revised on February 7, 2003. Documentation of compliance with ConocoPhillips requirements is provided by an ESD Form R-149, which is on file at TRC's Concord Office. Purge water containing a significant amount of liquid-phase hydrocarbons was accumulated separately in drums for transportation and disposal by Filter Recycling, Inc.

Limitations

The fluid level monitoring and groundwater sampling activities summarized in this report have been performed under the responsible charge of a California Registered Geologist or Registered Civil Engineer and have been conducted in accordance with current practice and the standard of care exercised by geologists and engineers performing similar tasks in this area. No warranty, express or implied, is made regarding the conclusions and professional opinions presented in this report. The conclusions are based solely upon an analysis of the observed conditions. If actual conditions differ from those described in this report, our office should be notified.